10574248

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NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	DEC 01	ChemPort single article sales feature unavailable
NEWS	3	JUN 01	CAS REGISTRY Source of Registration (SR) searching enhanced on STN
NEWS	4	JUN 26	NUTRACEUT and PHARMAML no longer updated
NEWS	5	JUN 29	IMSCOPROFILE now reloaded monthly
NEWS	6	JUN 29	EPFULL adds Simultaneous Left and Right Truncation (SLART) to AB, MCLM, and TI fields
NEWS	7	JUL 09	PATDPAFULL adds Simultaneous Left and Right Truncation (SLART) to AB, CLM, MCLM, and TI fields
NEWS	8	JUL 14	USGENE enhances coverage of patent sequence location (PSL) data
NEWS	9	JUL 27	CA/CAplus enhanced with new citing references
NEWS	10	JUL 16	GBFULL adds patent backfile data to 1855
NEWS	11	JUL 21	USGENE adds bibliographic and sequence information
NEWS	12	JUL 28	EPFULL adds first-page images and applicant-cited references
NEWS	13	JUL 28	INPADOCDB and INPAFAMDB add Russian legal status data
NEWS	14	AUG 08	Improve STN by completing a survey and be entered to win a gift card
NEWS	15	AUG 10	Time limit for inactive STN sessions doubles to 40 minutes

NEWS EXPRESS MAY 26 09 CURRENT WINDOWS VERSION IS V8.4,
AND CURRENT DISCOVER FILE IS DATED 06 APRIL 2009.

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*

* Please take a couple of minutes to complete our short survey. Your *
* name will be entered to win one of five $20 Amazon.com gift cards. *
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* See NEWS 14 for details or go directly to the survey at: *
* http://www.zoomerang.com/Survey/?p=WEB229H4S8Q5UL   *
*   *
****

* * * * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 10:13:52 ON 14 AUG 2009

=>
Uploading
THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE
Do you want to switch to the Registry File?
Choice (Y/n):
Switching to the Registry File...
Some commands only work in certain files. For example, the EXPAND
command can only be used to look at the index in a file which has an
index. Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of
commands which can be used in this file.

=> FILE REGISTRY

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.22	0.22

FILE 'REGISTRY' ENTERED AT 10:14:13 ON 14 AUG 2009
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Property values tagged with IC are from the ZIC/VINITI data file
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STRUCTURE FILE UPDATES: 13 AUG 2009 HIGHEST RN 1174270-19-9
DICTIONARY FILE UPDATES: 13 AUG 2009 HIGHEST RN 1174270-19-9

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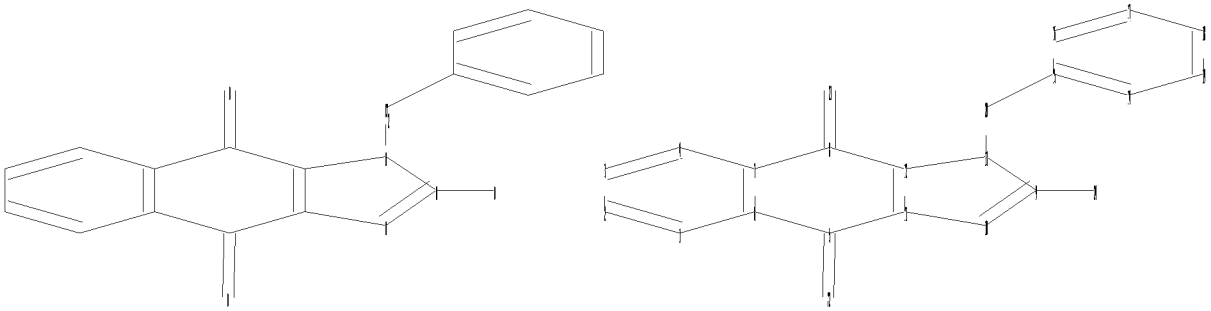
TSCA INFORMATION NOW CURRENT THROUGH January 9, 2009.

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

=>
Uploading C:\Program Files\Stnexp\Queries\10574248.str

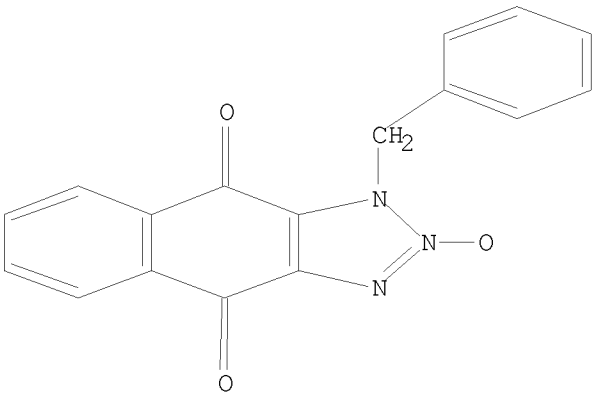


chain nodes :
20 21 22 24
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
chain bonds :
5-22 8-21 9-24 13-20 15-20
ring bonds :
1-2 1-6 2-3 3-4 4-7 5-6 5-11 6-7 7-8 8-12 9-10 9-13 10-11 11-12 12-13
14-15 14-19 15-16 16-17 17-18 18-19
exact/norm bonds :
5-22 8-21 9-10 9-13 9-24 10-11 12-13
exact bonds :
5-6 5-11 7-8 8-12 11-12 13-20 15-20
normalized bonds :
1-2 1-6 2-3 3-4 4-7 6-7 14-15 14-19 15-16 16-17 17-18 18-19
isolated ring systems :
containing 1 : 14 :

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom
20:CLASS 21:CLASS 22:CLASS 24:CLASS

L1 STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1 STR



Structure attributes must be viewed using STN Express query preparation.

```
=> s l1
SAMPLE SEARCH INITIATED 10:14:29 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -       10 TO ITERATE

100.0% PROCESSED       10 ITERATIONS                                0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:           11 TO      389
PROJECTED ANSWERS:               0 TO        0

L2            0 SEA SSS SAM L1

=> s l1 sss full
FULL SEARCH INITIATED 10:14:36 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -      213 TO ITERATE

100.0% PROCESSED      213 ITERATIONS                                0 ANSWERS
SEARCH TIME: 00.00.01

L3            0 SEA SSS FUL L1

=>
Uploading C:\Program Files\Stnexp\Queries\10574248a.str
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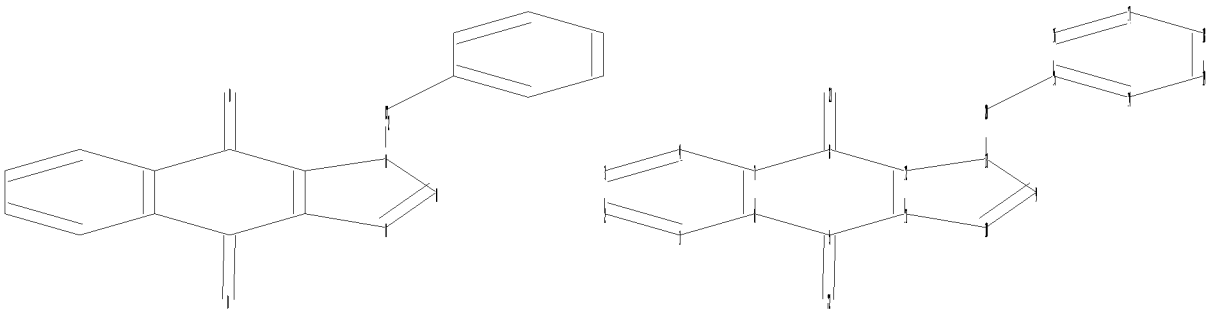
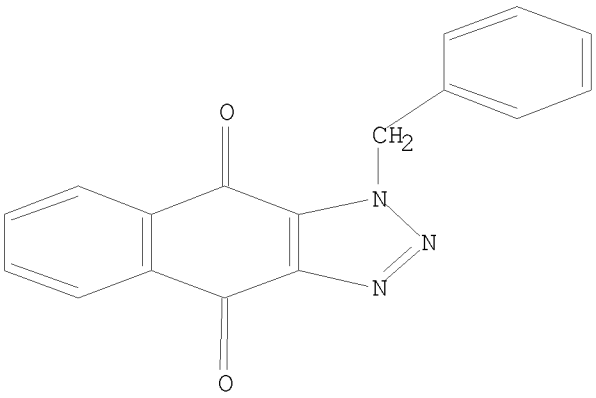


chain nodes :
20 21 22
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
chain bonds :
5-22 8-21 13-20 15-20
ring bonds :
1-2 1-6 2-3 3-4 4-7 5-6 5-11 6-7 7-8 8-12 9-10 9-13 10-11 11-12 12-13
14-15 14-19 15-16 16-17 17-18 18-19
exact/norm bonds :
5-22 8-21 9-10 9-13 10-11 12-13
exact bonds :
5-6 5-11 7-8 8-12 11-12 13-20 15-20
normalized bonds :
1-2 1-6 2-3 3-4 4-7 6-7 14-15 14-19 15-16 16-17 17-18 18-19
isolated ring systems :
containing 1 : 14 :

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom
20:CLASS 21:CLASS 22:CLASS

L4 STRUCTURE UPLOADED

=> d l4
L4 HAS NO ANSWERS
L4 STR



Structure attributes must be viewed using STN Express query preparation.

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=> s l4
SAMPLE SEARCH INITIATED 10:15:48 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -        3 TO ITERATE

100.0% PROCESSED        3 ITERATIONS                                3 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:            3 TO      163
PROJECTED ANSWERS:               3 TO      163

L5            3 SEA SSS SAM L4

=> s l4 sss full
FULL SEARCH INITIATED 10:15:56 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -       84 TO ITERATE

100.0% PROCESSED       84 ITERATIONS                               57 ANSWERS
SEARCH TIME: 00.00.01

L6           57 SEA SSS FUL L4

=> FIL HCAPLUS
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                         ENTRY    SESSION
FULL ESTIMATED COST                                     372.24     372.46

FILE 'HCAPLUS' ENTERED AT 10:16:01 ON 14 AUG 2009
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FILE COVERS 1907 - 14 Aug 2009 VOL 151 ISS 8
FILE LAST UPDATED: 13 Aug 2009 (20090813/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Jun 2009
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Jun 2009

HCAplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2009.

CAS Information Use Policies apply and are available at:

http://www.cas.org/legal/infopolicy.html

This file contains CAS Registry Numbers for easy and accurate substance identification.

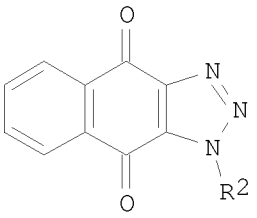
The ALL, BIB, MAX, and STD display formats in the CA/CAplus family of databases have been updated to include new citing references information. This enhancement may impact record import into database management software. For additional information, refer to NEWS 9.

```
=> s l6
L7          12 L6

=> s l7 and py<=2004
      25141338 PY<=2004
L8           6 L7 AND PY<=2004

=> d l7 ibib abs hitstr tot
```

L7 ANSWER 1 OF 12 HCAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2009:539214 HCAPLUS
DOCUMENT NUMBER: 151:8409
TITLE: One-Pot Synthesis of 1- and 2-Substituted Naphtho[2,3-d][1,2,3]triazole-4,9-diones
AUTHOR(S): Zhang, Jianjun; Chang, Cheng-Wei Tom
CORPORATE SOURCE: Department of Chemistry and Biochemistry, Utah State University, Logan, UT, 84322-0300, USA
SOURCE: Journal of Organic Chemistry (2009), 74(11), 4414-4417
CODEN: JOCEAH; ISSN: 0022-3263
PUBLISHER: American Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English
GI



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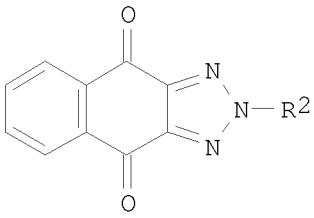


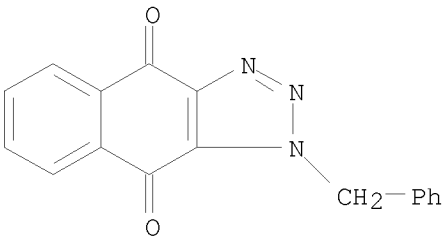
II

AB A one-pot three-component [2+3] cycloaddn. of naphthoquinone with sodium azide and various electrophiles, e.g., alkyl bromides R1Br (R1 = PhCH2, n-Bu, etc) or epoxides, afforded 1-alkyl-1H-naphtho[2,3-d][1,2,3]triazole-4,9-diones I (e.g., R2 = R1, etc) and 2-alkyl-2H-naphtho[2,3-d][1,2,3]triazole-4,9-diones II. The product ratio could be altered by choice of reaction solvent, and by taking advantage of their difference in basicity, the products could be separated and obtained in good purity.

IT 79707-04-3P
RL: SPN (Synthetic preparation); PREP (Preparation)
(one-pot preparation of naphthotriazolediones from three-component [2+3] cycloaddn. of naphthoquinone, sodium azide and various electrophiles)

RN 79707-04-3 HCAPLUS

CN 1H-Naphtho[2,3-d]triazole-4,9-dione, 1-(phenylmethyl)- (CA INDEX NAME)



REFERENCE COUNT: 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 2 OF 12 HCAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2009:198401 HCAPLUS

DOCUMENT NUMBER: 150:252596

TITLE: Compositions and methods for apoptosis modulators

INVENTOR(S): Wu, Jay Jie-Qiang; Wang, Ling

PATENT ASSIGNEE(S): VM Discovery Inc., USA

SOURCE: PCT Int. Appl., 180pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2009023558	A1	20090219	WO 2008-US72601	20080808

W: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW

RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

PRIORITY APPLN. INFO.: US 2007-955293P P 20070810
US 2008-46782P P 20080421

OTHER SOURCE(S): MARPAT 150:252596

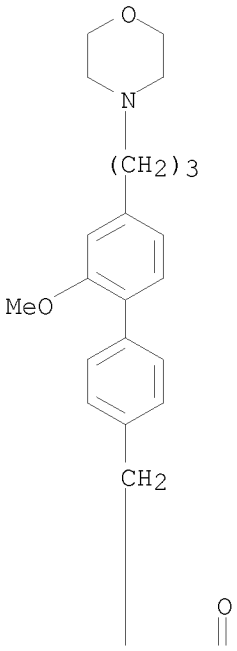
AB The present invention includes relates generally to compds. which modulate apoptosis in cells. The present invention also provides pharmaceutical compns. containing these compds., methods of making these compds., and methods of using these compds. and pharmaceutical compns. for treatment of diseases associated with irregular apoptosis in cells.

IT 1119057-29-2 1119057-30-5 1119057-31-6
1119057-32-7 1119057-34-9 1119057-35-0
1119057-36-1 1119057-37-2 1119057-38-3
1119057-39-4 1119057-40-7 1119057-46-3
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(compns. and methods for apoptosis modulators for treatment of diseases associated with irregular apoptosis)

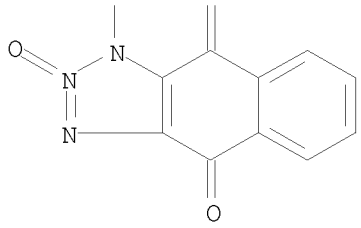
RN 1119057-29-2 HCAPLUS

CN 1H-Naphtho[2,3-d]-1,2,3-triazole-4,9-dione, 1-[[2'-methoxy-4'-[3-(4-morpholinyl)propyl][1,1'-biphenyl]-4-yl]methyl]-, 2-oxide (CA INDEX NAME)

PAGE 1-A



PAGE 2-A



RN 1119057-30-5 HCAPLUS
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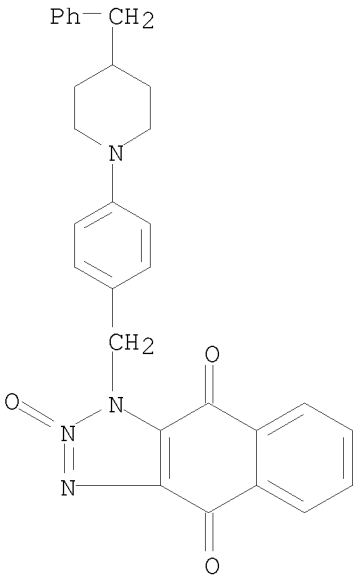
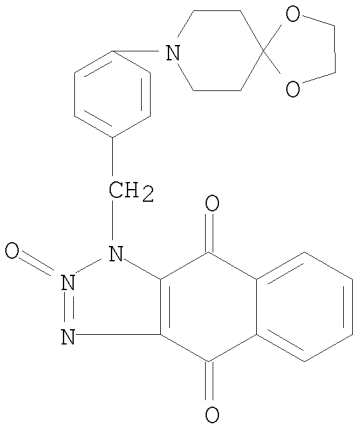
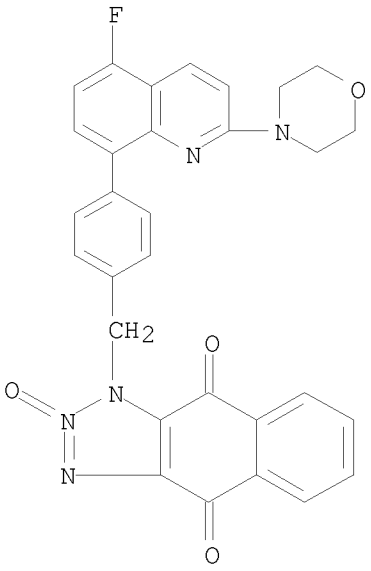


RN 1119057-31-6 HCAPLUS
CN 1H-Naphtho[2,3-d]triazole-4,9-dione, 1-[[4-(1,4-dioxa-8-azaspiro[4.5]dec-8-yl)phenyl]methyl]-, 2-oxide (CA INDEX NAME)



RN 1119057-32-7 HCAPLUS
CN 1H-Naphtho[2,3-d]-1,2,3-triazole-4,9-dione, 1-[[4-[5-fluoro-2-(4-morpholinyl)-8-quinolinyl]phenyl]methyl]-, 2-oxide (CA INDEX NAME)



RN 1119057-34-9 HCAPLUS
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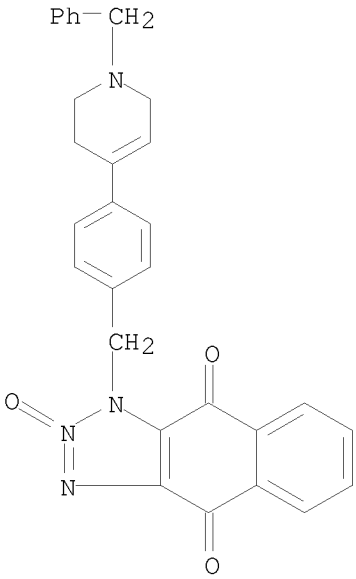
2-oxide (CA INDEX NAME)



RN 1119057-35-0 HCAPLUS
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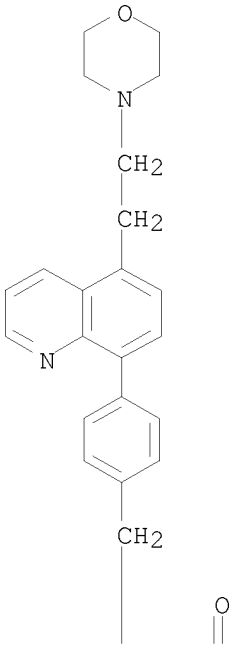
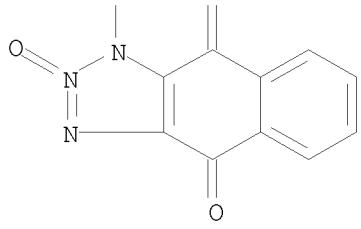
(CA INDEX NAME)

PAGE 1-A



PAGE 2-A



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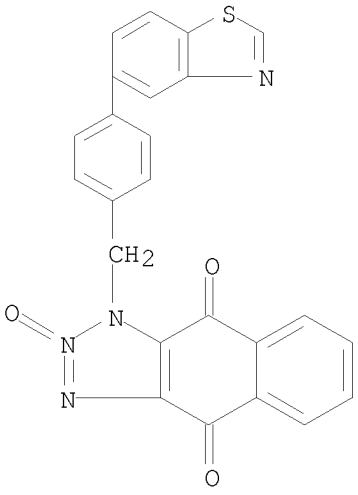
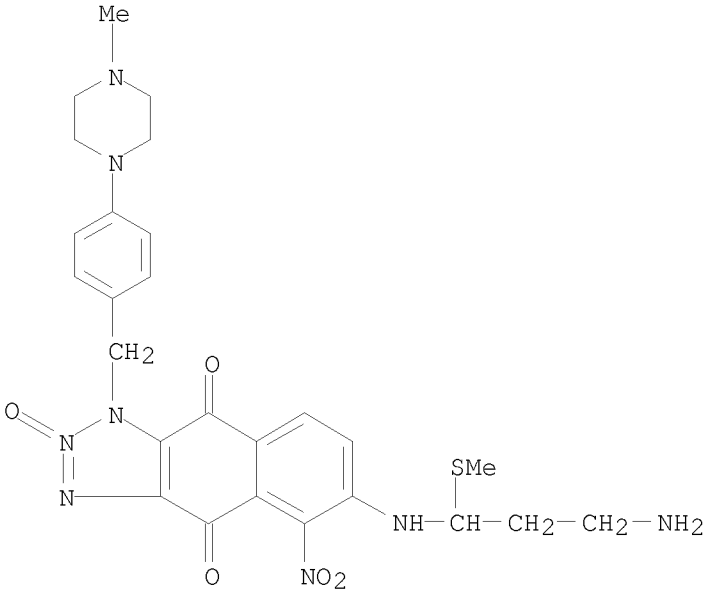


RN 1119057-37-2 HCAPLUS
CN 1H-Naphtho[2,3-d]-1,2,3-triazole-4,9-dione, 6-[[3-amino-1-(methylthio)propyl]amino]-1-[[4-(4-methyl-1-piperazinyl)phenyl]methyl]-5-nitro-, 2-oxide (CA INDEX NAME)



RN 1119057-38-3 HCAPLUS
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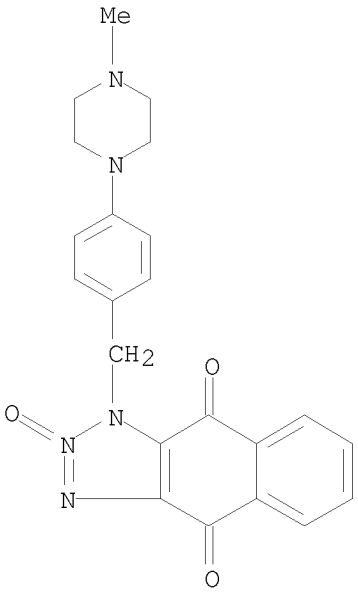

RN 1119057-39-4 HCAPLUS
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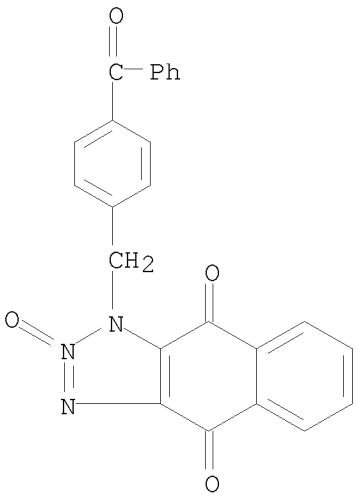
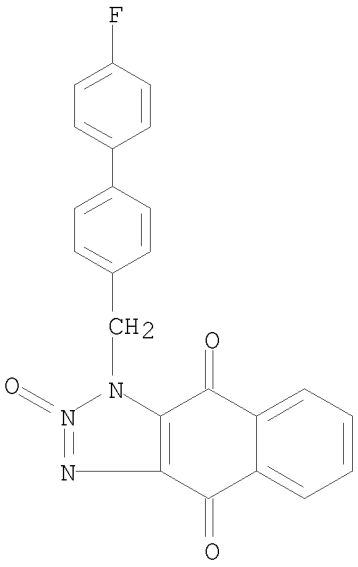
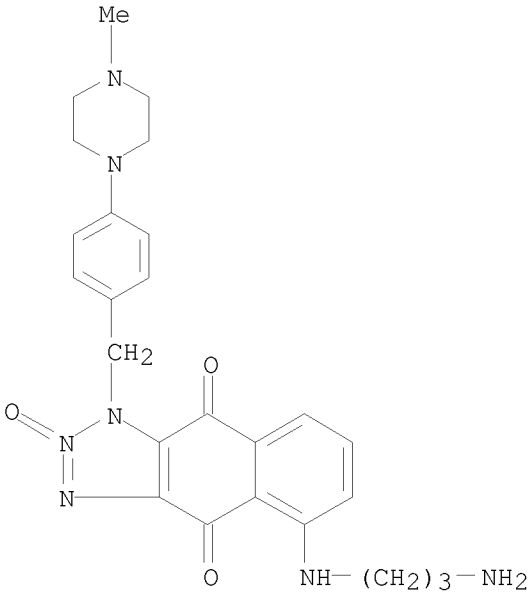


RN 1119057-40-7 HCAPLUS
CN 1H-Naphtho[2,3-d]-1,2,3-triazole-4,9-dione, 1-[(4'-fluoro[1,1'-biphenyl]-4-yl)methyl]-, 2-oxide (CA INDEX NAME)



RN 1119057-46-3 HCAPLUS
CN 1H-Naphtho[2,3-d]-1,2,3-triazole-4,9-dione,
5-[(3-aminopropyl)amino]-1-[[4-(4-methyl-1-piperazinyl)phenyl]methyl]-,
2-oxide (CA INDEX NAME)



REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

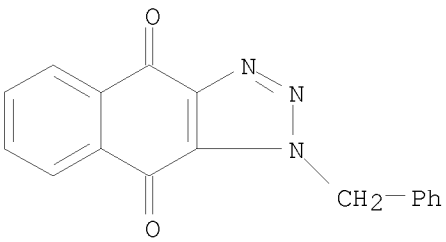
L7 ANSWER 3 OF 12 HCAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2008:1467022 HCAPLUS

DOCUMENT NUMBER: 150:77881
TITLE: Divergent Synthesis of Three Classes of Aryl N-Glycosides by Solvent Control
AUTHOR(S): Zhang, Jianjun; Chang, Cheng-Wei Tom
CORPORATE SOURCE: Department of Chemistry and Biochemistry, Utah State University, Logan, UT, 84322-0300, USA
SOURCE: Journal of Organic Chemistry (2009), 74(2), 685-695
CODEN: JOCEAH; ISSN: 0022-3263
PUBLISHER: American Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 150:77881

AB While the syntheses of aryl C-glycosides and O-glycosides have been studied extensively, the preparation for aryl N-glycosides is relatively unexplored. By employing 1,4-naphthoquinone and glycosyl azides undergoing a [3+2]-cycloaddn., we have developed a convenient method for constructing three different classes of aryl N-glycosides that include N-glycosylated 2-aminomethylene-1,3-indanedione, benzazepine-1,5-dione, and 9,10-anthraquinone derivs. via solvent control. It was found that conducting cycloaddn. in DMF formed exclusively 9,10-anthraquinone derivs., while less polar solvent such as toluene offered all three aryl N-glycosides. The synthesis of N-glycosylated 9,10-anthraquinone derivs. is of particular interest since no known example has been documented. The synthesis of these N-glycosylated heterocyclic compds. using traditional glycosylation methods could be challenging. Therefore, our diversity-oriented protocols can be viewed as an alternative and practical glycosylation approach. In addition, we have also demonstrated that alkyl azides can also undergo the same cycloaddn., further expanding the structural repertoire available for a broader interest. Initial anticancer assays have revealed that 1-N-(α-D-rhanmopyranosyl)-1H-naphtho[2,3-d]triazole-4,9-dione and 1-N-(β-D-ribofuranosyl)-1-naphtho[2,3-d]triazole-4,9-dione exert mean growth percent of 17.58 and -5.95, resp.

IT 79707-04-3P
RL: SPN (Synthetic preparation); PREP (Preparation)
(synthesis and antitumor activity of three classes of aryl N-glycosides by solvent control via [3+2]-cycloaddn. reaction)

RN 79707-04-3 HCAPLUS
CN 1H-Naphtho[2,3-d]triazole-4,9-dione, 1-(phenylmethyl)- (CA INDEX NAME)



OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)
REFERENCE COUNT: 42 THERE ARE 42 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

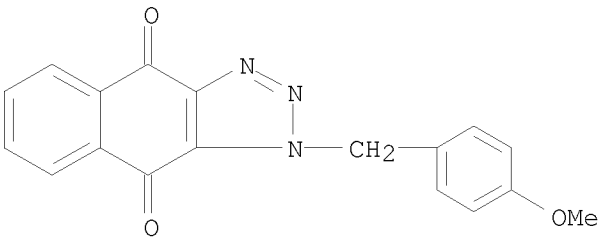
L7 ANSWER 4 OF 12 HCAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2007:977602 HCAPLUS
DOCUMENT NUMBER: 149:176256
TITLE: Synthesis of mono- and bis-triazoles via 1,3-dipolar cycloaddition reactions of azide derivatives with naphtho- and benzoquinone
AUTHOR(S): Abu-Orabi, Sultan T.; Saleh, Maysaa; Al-Momani, Lo'ay; Jibril, Ibrahim; Yousef, Yaser
CORPORATE SOURCE: Department of Chemistry, Tafila Technical University, Tafila, Jordan
SOURCE: Jordan Journal of Chemistry (2006), 1(2), 109-120
CODEN: JJCOBD; ISSN: 1814-9111
PUBLISHER: Yarmouk University
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 149:176256

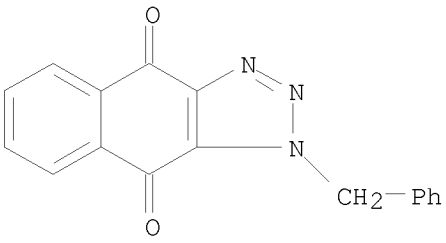
AB Mono- and bis(triazole) derivs. were prepared via 1,3-dipolar cycloaddn. reaction of azide derivs. with benzoquinone or naphthoquinone. Products were characterized by 1H NMR, IR and mass spectroscopy, as well as elemental anal.

IT 79707-02-1P 79707-04-3P 491868-04-3P
491868-05-4P 491869-30-8P 499197-67-0P
499197-68-1P 499197-69-2P 499197-70-5P
499197-71-6P 499197-72-7P 499197-73-8P
499197-74-9P 499197-75-0P 499197-76-1P
1040387-93-6P 1040387-95-8P 1040387-97-0P
1040387-99-2P 1040388-00-8P 1040388-01-9P
1040388-05-3P 1040388-06-4P 1040388-12-2P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of mono- and bis(naphthotriazole) derivs. via dipolar cycloaddn. of naphthoquinone with mono- or bisazides)

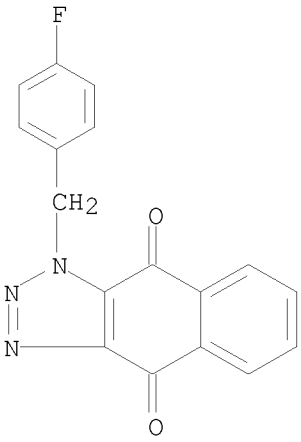
RN 79707-02-1 HCAPLUS
CN 1H-Naphtho[2,3-d]triazole-4,9-dione, 1-[(4-methoxyphenyl)methyl]- (CA INDEX NAME)



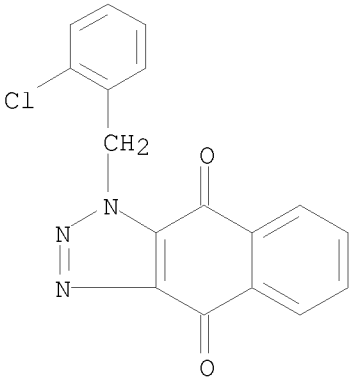
RN 79707-04-3 HCAPLUS
CN 1H-Naphtho[2,3-d]triazole-4,9-dione, 1-(phenylmethyl)- (CA INDEX NAME)



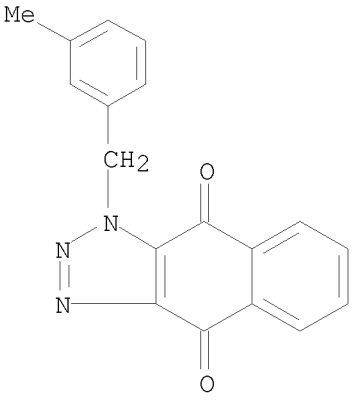
RN 491868-04-3 HCAPLUS
CN 1H-Naphtho[2,3-d]triazole-4,9-dione, 1-[(4-fluorophenyl)methyl]- (CA INDEX NAME)



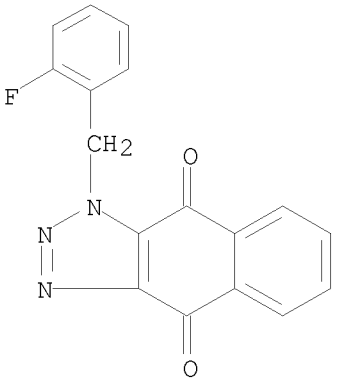
RN 491868-05-4 HCAPLUS
CN 1H-Naphtho[2,3-d]triazole-4,9-dione, 1-[(2-chlorophenyl)methyl]- (CA INDEX NAME)



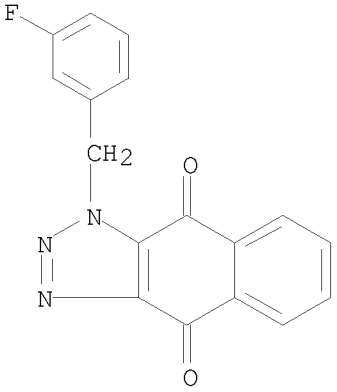
RN 491869-30-8 HCAPLUS
CN 1H-Naphtho[2,3-d]triazole-4,9-dione, 1-[(3-methylphenyl)methyl]- (CA INDEX NAME)



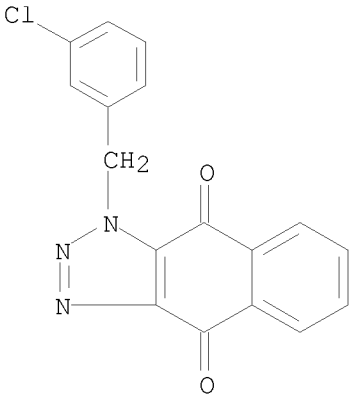
RN 499197-67-0 HCAPLUS
CN 1H-Naphtho[2,3-d]triazole-4,9-dione, 1-[(2-fluorophenyl)methyl]- (CA INDEX NAME)



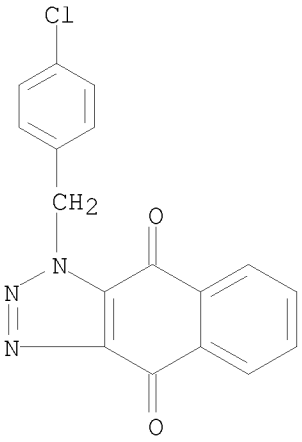
RN 499197-68-1 HCAPLUS
CN 1H-Naphtho[2,3-d]triazole-4,9-dione, 1-[(3-fluorophenyl)methyl]- (CA INDEX NAME)



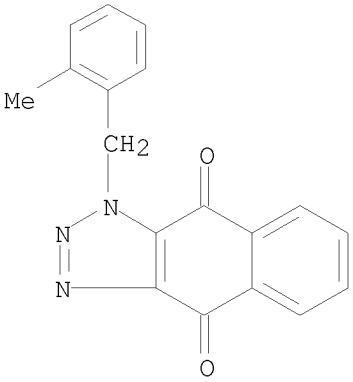
RN 499197-69-2 HCAPLUS
CN 1H-Naphtho[2,3-d]triazole-4,9-dione, 1-[(3-chlorophenyl)methyl]- (CA INDEX NAME)



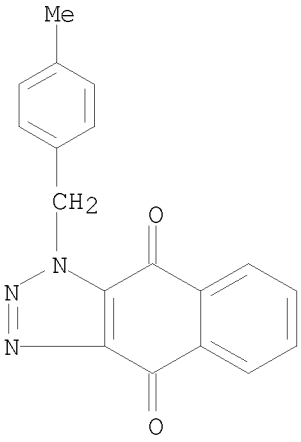
RN 499197-70-5 HCAPLUS
CN 1H-Naphtho[2,3-d]triazole-4,9-dione, 1-[(4-chlorophenyl)methyl]- (CA INDEX NAME)



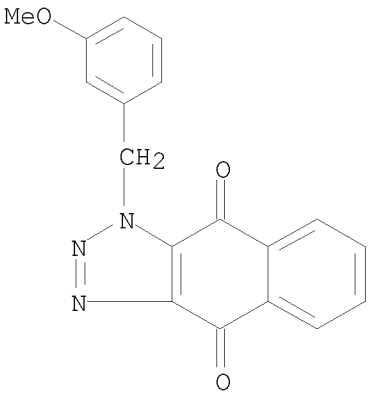
RN 499197-71-6 HCAPLUS
CN 1H-Naphtho[2,3-d]triazole-4,9-dione, 1-[(2-methylphenyl)methyl]- (CA INDEX NAME)



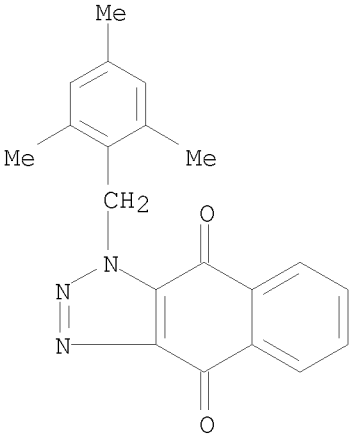
RN 499197-72-7 HCAPLUS
CN 1H-Naphtho[2,3-d]triazole-4,9-dione, 1-[(4-methylphenyl)methyl]- (CA INDEX NAME)



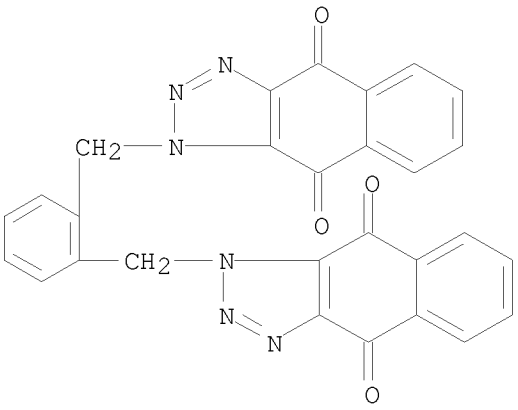
RN 499197-73-8 HCAPLUS
CN 1H-Naphtho[2,3-d]triazole-4,9-dione, 1-[(3-methoxyphenyl)methyl]- (CA INDEX NAME)



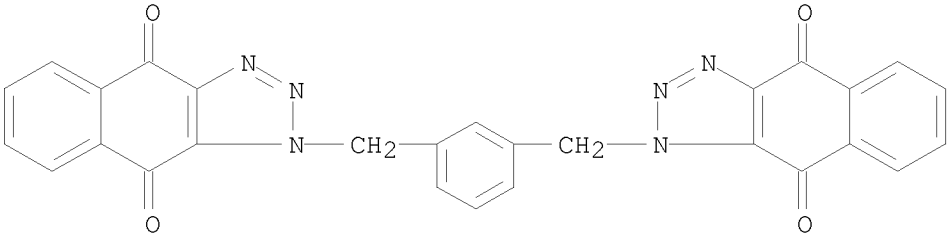
RN 499197-74-9 HCAPLUS
CN 1H-Naphtho[2,3-d]triazole-4,9-dione, 1-[(2,4,6-trimethylphenyl)methyl]-
(CA INDEX NAME)



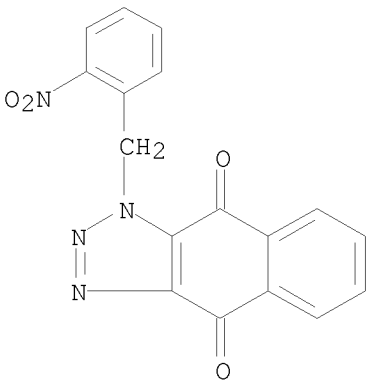
RN 499197-75-0 HCAPLUS
CN 1H-Naphtho[2,3-d]triazole-4,9-dione,
1,1'-[1,2-phenylenebis(methylene)]bis- (CA INDEX NAME)



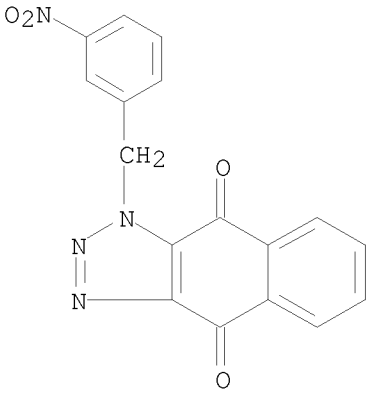
RN 499197-76-1 HCAPLUS
CN 1H-Naphtho[2,3-d]triazole-4,9-dione,
1,1'-[1,3-phenylenebis(methylene)]bis- (CA INDEX NAME)



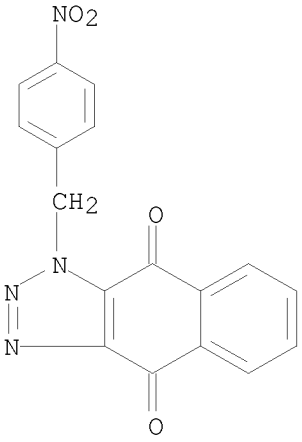
RN 1040387-93-6 HCAPLUS
CN 1H-Naphtho[2,3-d]-1,2,3-triazole-4,9-dione, 1-[(2-nitrophenyl)methyl]-
(CA INDEX NAME)



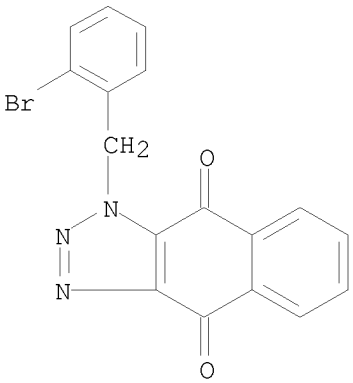
RN 1040387-95-8 HCAPLUS
CN 1H-Naphtho[2,3-d]-1,2,3-triazole-4,9-dione, 1-[(3-nitrophenyl)methyl]-
(CA INDEX NAME)



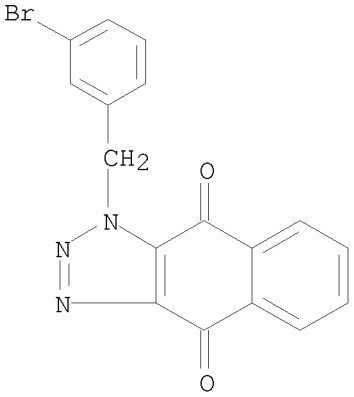
RN 1040387-97-0 HCAPLUS
CN 1H-Naphtho[2,3-d]-1,2,3-triazole-4,9-dione, 1-[(4-nitrophenyl)methyl]- (CA INDEX NAME)



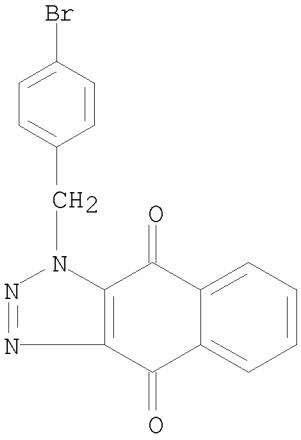
RN 1040387-99-2 HCAPLUS
CN 1H-Naphtho[2,3-d]triazole-4,9-dione, 1-[(2-bromophenyl)methyl]- (CA INDEX NAME)



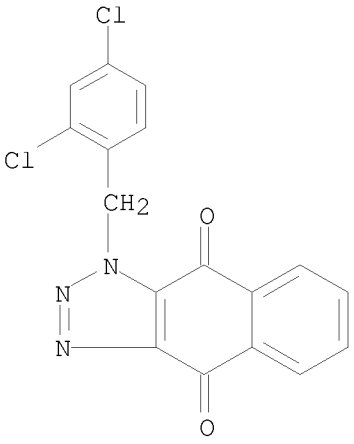
RN 1040388-00-8 HCAPLUS
CN 1H-Naphtho[2,3-d]triazole-4,9-dione, 1-[(3-bromophenyl)methyl]- (CA INDEX NAME)



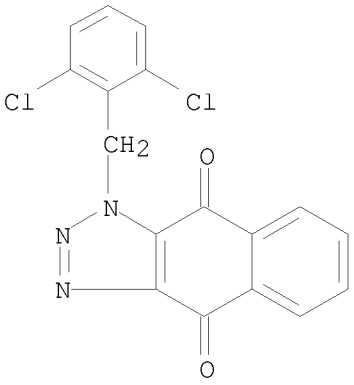
RN 1040388-01-9 HCAPLUS
CN 1H-Naphtho[2,3-d]triazole-4,9-dione, 1-[(4-bromophenyl)methyl]- (CA INDEX NAME)



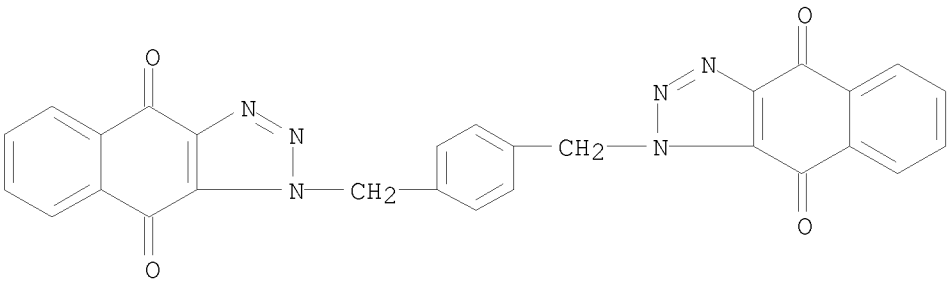
RN 1040388-05-3 HCAPLUS
CN 1H-Naphtho[2,3-d]triazole-4,9-dione, 1-[(2,4-dichlorophenyl)methyl]- (CA INDEX NAME)



RN 1040388-06-4 HCAPLUS
CN 1H-Naphtho[2,3-d]triazole-4,9-dione, 1-[(2,6-dichlorophenyl)methyl]- (CA INDEX NAME)



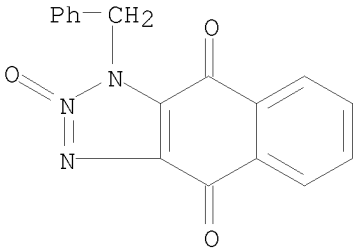
RN 1040388-12-2 HCAPLUS
CN 1H-Naphtho[2,3-d]triazole-4,9-dione, 1,1'-[1,4-phenylenebis(methylene)]bis- (CA INDEX NAME)



OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

REFERENCE COUNT: 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 5 OF 12 HCAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2005:779154 HCAPLUS
DOCUMENT NUMBER: 144:350603
TITLE: Cyclization of 2-Azido-3-(alkyl-N-nitrosoamino)-1,4-naphthoquinones to 1-Alkyl-1H-naphtho[2,3-d][1,2,3]triazole-4,9-dione 2-Oxides
AUTHOR(S): Radaeva, N. Yu.; Dolgushina, L. V.; Sakilidi, V. T.; Gornostaev, L. M.
CORPORATE SOURCE: Astaf'ev Krasnoyarsk State Pedagogical University, Krasnoyarsk, 660049, Russia
SOURCE: Russian Journal of Organic Chemistry (2005), 41(6), 907-909
CODEN: RJOCEQ; ISSN: 1070-4280
PUBLISHER: Pleiades Publishing, Inc.
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 144:350603
AB Thermolysis of 2-azido-3-(alkyl-N-nitrosamino)-1,4-naphthoquinones gives rise to compds. belonging to a new quinoid fused heterocyclic system, 1-alkyl-1H-naphtho[2,3-d][1,2,3]triazole-4,9-dione 2-oxides.
IT 450354-11-7P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of naphthotriazoledione oxides by cyclization of azido(nitrosamino)naphthoquinones)
RN 450354-11-7 HCAPLUS
CN 1H-Naphtho[2,3-d]triazole-4,9-dione, 1-(phenylmethyl)-, 2-oxide (CA INDEX NAME)



OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)
REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 6 OF 12 HCAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2005:324114 HCAPLUS
DOCUMENT NUMBER: 142:386022
TITLE: Wnt pathway antagonists
INVENTOR(S): Beachy, Philip A.; Chen, James K.; Mann, Randall K.
PATENT ASSIGNEE(S): The Johns Hopkins University, USA
SOURCE: PCT Int. Appl., 71 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

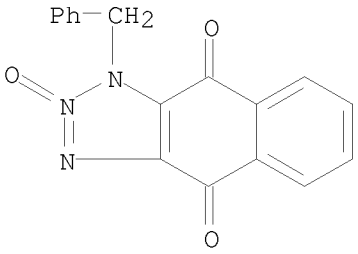
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005033048	A2	20050414	WO 2004-US32148	20040929
WO 2005033048	A3	20050804		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 20070219257	A1	20070920	US 2006-574248	20061030

PRIORITY APPLN. INFO.: US 2003-507163P P 20030929
WO 2004-US32148 W 20040929

AB The present invention makes available methods and reagents, involving contacting a cell with an agent, such as an aromatic compound, in a sufficient amount to antagonize a Wnt activity, e.g., to reverse or control an aberrant growth state.

IT 450354-11-7
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(Wnt pathway antagonists such as aromatic compds. to treat aberrant growth state and combination with other agents)

RN 450354-11-7 HCAPLUS
CN 1H-Naphtho[2,3-d]triazole-4,9-dione, 1-(phenylmethyl)-, 2-oxide (CA INDEX NAME)



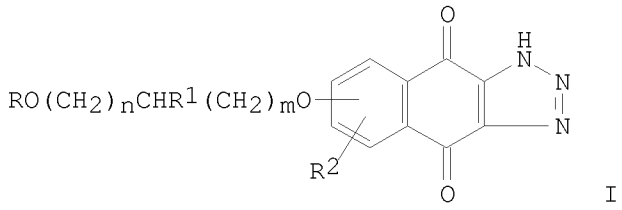
OS.CITING REF COUNT: 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD (4 CITINGS)
REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 7 OF 12 HCAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1985:541967 HCAPLUS
DOCUMENT NUMBER: 103:141967
ORIGINAL REFERENCE NO.: 103:22739a,22742a

TITLE: 4,9-Dihydro-4,9-dioxo-1H-naphtho[2,3-d]-v-triazoles
INVENTOR(S): Smith, Harry; Buckle, Derek R.
PATENT ASSIGNEE(S): Beecham Group PLC, UK
SOURCE: Can., 60 pp.
CODEN: CAXXA4
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CA 1180718	A1	19850108	CA 1983-418857	19830104
PRIORITY APPLN. INFO.:			CA 1983-418857	19830104

GI



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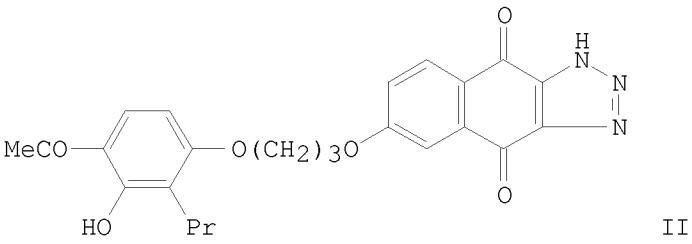


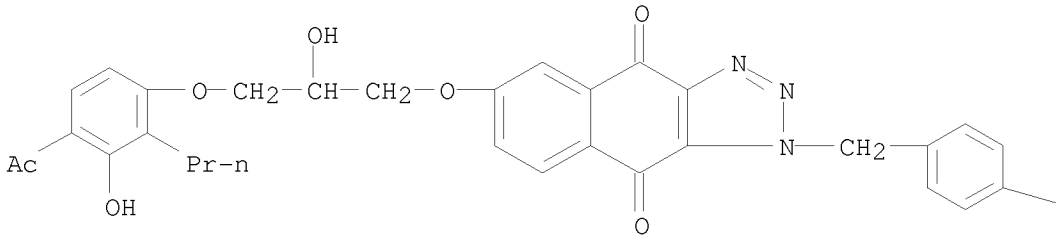
II

AB The title compds. [I; R = (un)substituted Ph; R1 = H, OH; R2 = H, alkyl; n,m = 1-3] were prepared Thus, 1H-naphtho[2,3-d]triazole-4,9-dione was photochem. hydroxylated in 98% H2SO4 and the 6-hydroxy derivative was treated with 4-MeOC6H4CH2Cl giving a mixture of N-p-methoxybenzyl derivs. These were O-alkylated with MeCOC6H2Pr(OH)O(CH2)3OH-3,2,4 and debenzylated to give (phenoxypropoxy)naphthotriazoledione II. II is an antagonist of slow reacting substance of anaphylaxis in isolated guinea pig ileum with an EC50 of 4 + 10-7M.

IT 98232-28-1P 98232-30-5P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and debenzylation of)

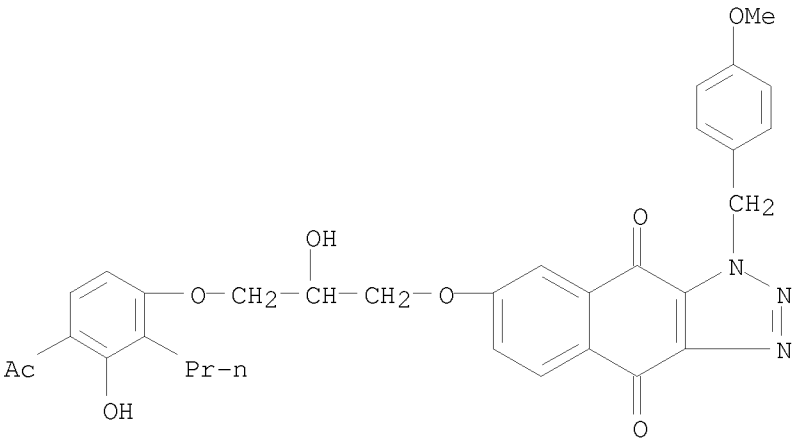
RN 98232-28-1 HCAPLUS
CN 1H-Naphtho[2,3-d]triazole-4,9-dione, 6-[3-(4-acetyl-3-hydroxy-2-propylphenoxy)-2-hydroxypropoxy]-1-[(4-methoxyphenyl)methyl]- (CA INDEX NAME)

PAGE 1-A

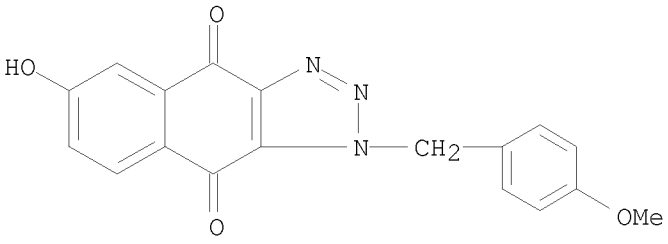


PAGE 1-B

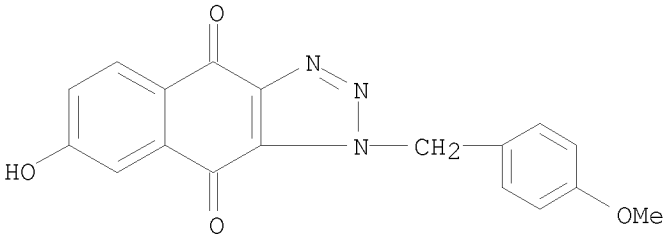
RN 98232-30-5 HCAPLUS
CN 1H-Naphtho[2,3-d]triazole-4,9-dione, 7-[3-(4-acetyl-3-hydroxy-2-propylphenoxy)-2-hydroxypropoxy]-1-[(4-methoxyphenyl)methyl]- (CA INDEX NAME)



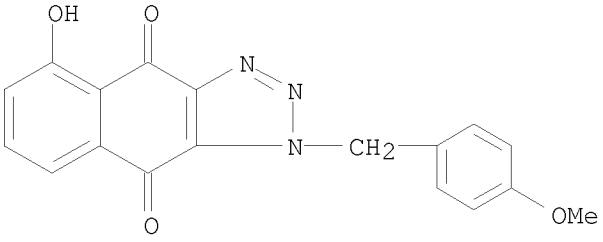
IT 80841-86-7P 80841-98-1P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and O-alkylation of, by propanol derivative)
RN 80841-86-7 HCAPLUS
CN 1H-Naphtho[2,3-d]triazole-4,9-dione, 6-hydroxy-1-[(4-methoxyphenyl)methyl]- (CA INDEX NAME)



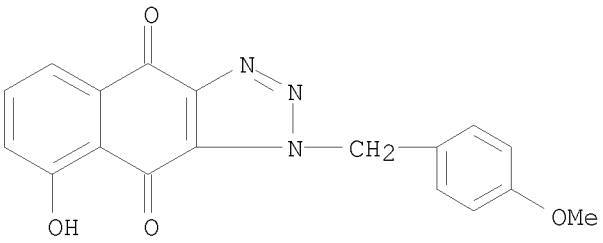
RN 80841-98-1 HCAPLUS
CN 1H-Naphtho[2,3-d]triazole-4,9-dione,
7-hydroxy-1-[(4-methoxyphenyl)methyl]- (CA INDEX NAME)



IT 80841-92-5P 80842-02-0P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 80841-92-5 HCAPLUS
CN 1H-Naphtho[2,3-d]triazole-4,9-dione,
5-hydroxy-1-[(4-methoxyphenyl)methyl]- (CA INDEX NAME)



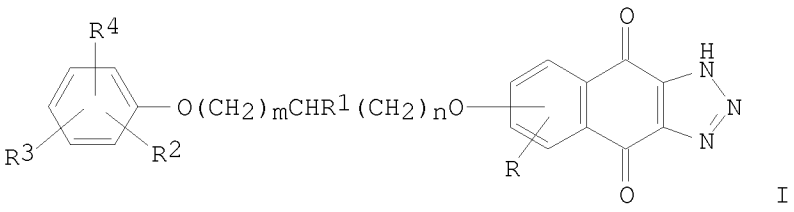
RN 80842-02-0 HCAPLUS
CN 1H-Naphtho[2,3-d]triazole-4,9-dione,
8-hydroxy-1-[(4-methoxyphenyl)methyl]- (CA INDEX NAME)



L7 ANSWER 8 OF 12 HCAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1984:611150 HCAPLUS
DOCUMENT NUMBER: 101:211150
ORIGINAL REFERENCE NO.: 101:31995a,31998a
TITLE: Pharmacologically active naphthotriazole derivatives
INVENTOR(S): Smith, Harry; Buckle, Derek Richard
PATENT ASSIGNEE(S): Beecham Group PLC, UK
SOURCE: Eur. Pat. Appl., 57 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 112419	A1	19840704	EP 1982-306885	19821223
EP 112419	B1	19860723		
R: BE, SE				
AU 8291952	A	19840705	AU 1982-91952	19821230
AU 552658	B2	19860612		
PRIORITY APPLN. INFO.:			EP 1982-306885	19821223
OTHER SOURCE(S):	MARPAT 101:211150			

GI



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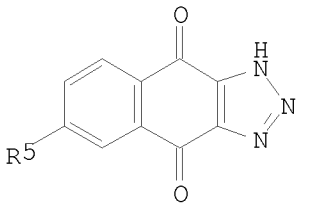


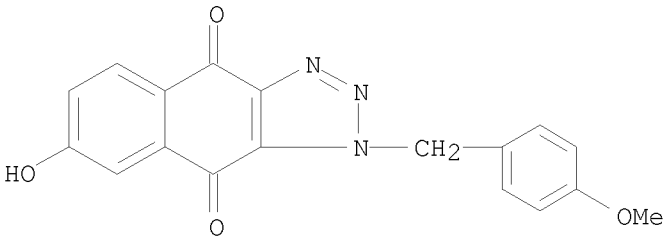
II

AB Naphthotriazoles I (R = H, alkyl; R1 = H, OH; R2-R4 = H, OH, halo, alkyl, alkoxy, alkanoyl; m,n = 1-3) were prepared Thus, naphthotriazoledione II (R5 = H) was photochem. hydroxylated to give II (R5 = OH), which was treated with 4-MeOC6H4CH2Cl to give a mixture of all 3 N-benzylated derivs., which were separated by silica thin-layer chromatog. A mixture of 2 of the isomers was O-alkylated with 3-(4-acetyl-3-hydroxy-2-propylphenoxy)-1-propanol to give a mixture of ethers, which was debenzylated with CF3CO2H to give II [R5 = 2,3,4-Pr(HO)(Ac)C6H2O(CH2)3O, III]. III at 4 + 10-7M gave 50% inhibition of slow reacting substance of anaphylaxis-induced contractions of isolated strips of guinea pig ileum.

IT 80841-98-1P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation and O-phenoxypropylation of)

RN 80841-98-1 HCAPLUS

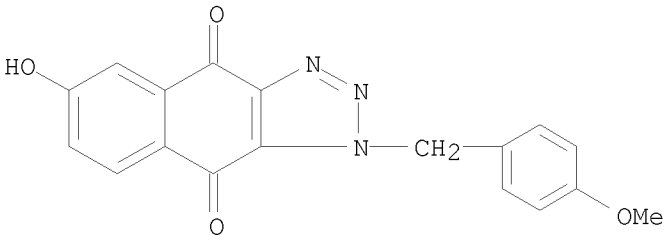
CN 1H-Naphtho[2,3-d]triazole-4,9-dione, 7-hydroxy-1-[(4-methoxyphenyl)methyl]- (CA INDEX NAME)



IT 80841-86-7P 80841-92-5P 80842-02-0P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

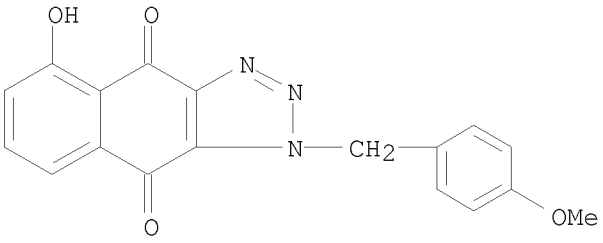
RN 80841-86-7 HCAPLUS

CN 1H-Naphtho[2,3-d]triazole-4,9-dione, 6-hydroxy-1-[(4-methoxyphenyl)methyl]- (CA INDEX NAME)

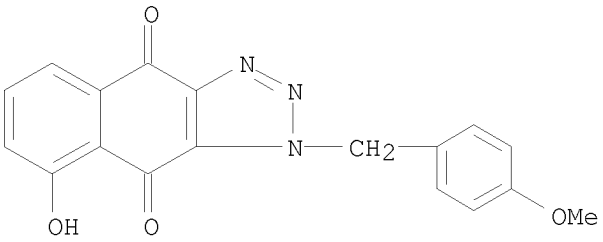


RN 80841-92-5 HCAPLUS

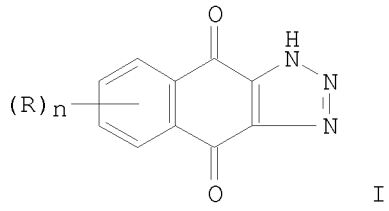
CN 1H-Naphtho[2,3-d]triazole-4,9-dione, 5-hydroxy-1-[(4-methoxyphenyl)methyl]- (CA INDEX NAME)



RN 80842-02-0 HCAPLUS
CN 1H-Naphtho[2,3-d]triazole-4,9-dione,
8-hydroxy-1-[(4-methoxyphenyl)methyl]- (CA INDEX NAME)



L7 ANSWER 9 OF 12 HCAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1983:154903 HCAPLUS
DOCUMENT NUMBER: 98:154903
ORIGINAL REFERENCE NO.: 98:23389a,23392a
TITLE: Studies on v-triazoles. 9. Antiallergic 4,9-dihydro-4,9-dioxo-1H-naphtho[2,3-d]-v-triazoles
AUTHOR(S): Buckle, Derek R.; Smith, Harry; Spicer, Barbara A.; Tedder, John Martin
CORPORATE SOURCE: Biosci. Res. Cent., Beecham Pharm., Epsom/Surrey, KT18 5XQ, UK
SOURCE: Journal of Medicinal Chemistry (1983), 26(5), 714-19
CODEN: JMCMAR; ISSN: 0022-2623
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 98:154903
GI



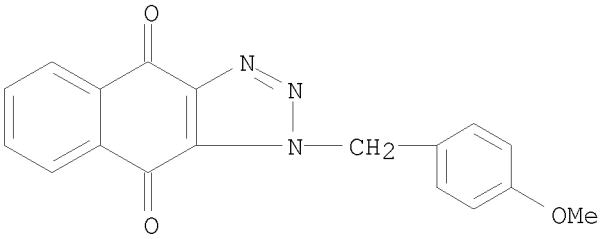
I

AB The title compds. I (R = H, OH, Me, MeO, NO2, AcO, etc.; n = 1 or 2) prepared via the appropriate naphthoquinone derivs. were evaluated for

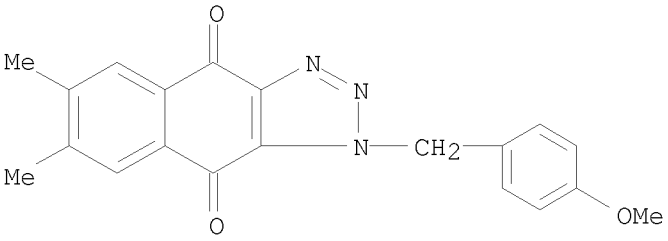
antiallergic activity in the rat passive cutaneous anaphylaxis test by the i.v. route. BRL 22321A (4,9-Dihydro-6,7-dimethyl-4,9-dioxo-1H-naphtho[2,3-d]-v-triazole [72364-91-1] and 4,9-dihydro-6,7-dimethyl-4,9-dioxo-5-nitro-1H-naphtho[2,3-d]-v-triazole [72364-98-8] were the most potent compds. by the i.v. route, and both were more potent than di-Na cromoglycate. BRL 22321A, effective also by the s.c. and oral routes, was selected for evaluation as an antiasthmatic. Structure activity relations are discussed.

IT 79707-02-1P 79707-03-2P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and debenzylation of)

RN 79707-02-1 HCAPLUS
CN 1H-Naphtho[2,3-d]triazole-4,9-dione, 1-[(4-methoxyphenyl)methyl]- (CA INDEX NAME)



RN 79707-03-2 HCAPLUS
CN 1H-Naphtho[2,3-d]triazole-4,9-dione, 1-[(4-methoxyphenyl)methyl]-6,7-dimethyl- (CA INDEX NAME)



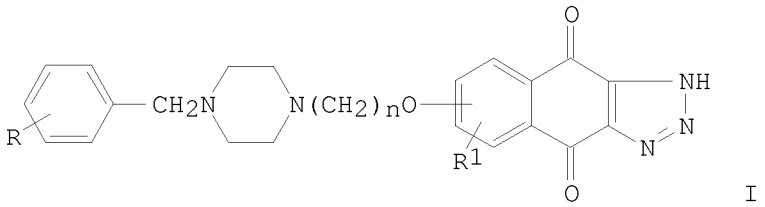
OS.CITING REF COUNT: 6 THERE ARE 6 CAPLUS RECORDS THAT CITE THIS RECORD (6 CITINGS)

L7 ANSWER 10 OF 12 HCAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1982:104279 HCAPLUS
DOCUMENT NUMBER: 96:104279
ORIGINAL REFERENCE NO.: 96:17133a,17136a
TITLE: Naphthotriazole derivatives, their intermediates and pharmaceutical compositions containing them
INVENTOR(S): Buckle, Derek Richard; Smith, Harry; Tedder, John Martin
PATENT ASSIGNEE(S): Beecham Group Ltd. , UK
SOURCE: Eur. Pat. Appl., 57 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent

LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 39552	A2	19811111	EP 1981-301738	19810421
EP 39552	A3	19820113		
EP 39552	B1	19830921		
R: BE, CH, DE, FR, GB, IT, NL, SE				
US 4378360	A	19830329	US 1981-254372	19810415
CA 1190229	A1	19850709	CA 1981-375520	19810415
AU 8169673	A	19811029	AU 1981-69673	19810421
AU 536894	B2	19840531		
JP 56166178	A	19811221	JP 1981-60509	19810421
ZA 8102631	A	19820428	ZA 1981-2631	19810422
PRIORITY APPLN. INFO.:			GB 1980-13267 A	19800422

OTHER SOURCE(S): MARPAT 96:104279
GI



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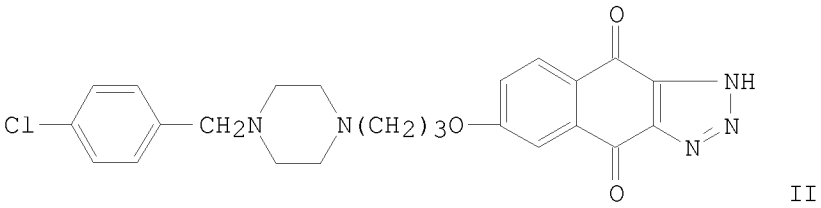


II

AB Naphthotriazolediones I (R = H, halogen, alkyl, alkoxy; R1 = H, alkyl; n = 1-6) were prepared Thus 2-acetamido-3-amino-6-fluoro-1,4-naphthoquinone was cyclized with NaNO2 to give 4,9-dihydro-4,9-dioxo-6-fluoro-1H-naphtho[2,3-d]-v-triazole which was converted to its Na salt and treated with 3-[4-(4-chlorobenzyl)-1-piperazinyl]propanol to give II. II inhibited the release of both histamine and slow-reacting substance A of anaphylaxis at 1 + 10-6M in vitro.

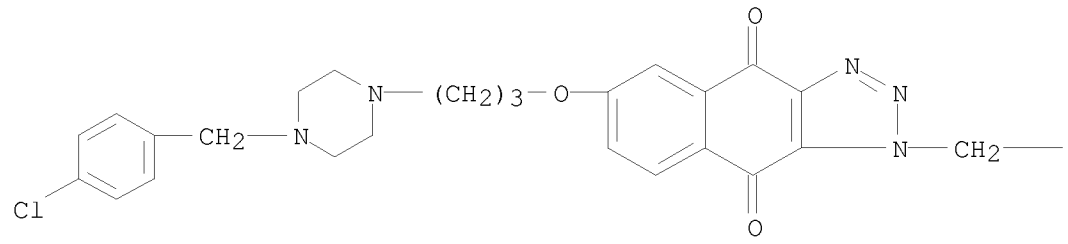
IT 80841-87-8P 80841-88-9P 80841-93-6P
80842-00-8P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and debenzylation of)

RN 80841-87-8 HCAPLUS

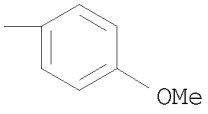
CN 1H-Naphtho[2,3-d]-1,2,3-triazole-4,9-dione, 6-[3-[4-[(4-chlorophenyl)methyl]-1-piperazinyl]propoxy]-1-[(4-

methoxyphenyl)methyl]- (CA INDEX NAME)

PAGE 1-A

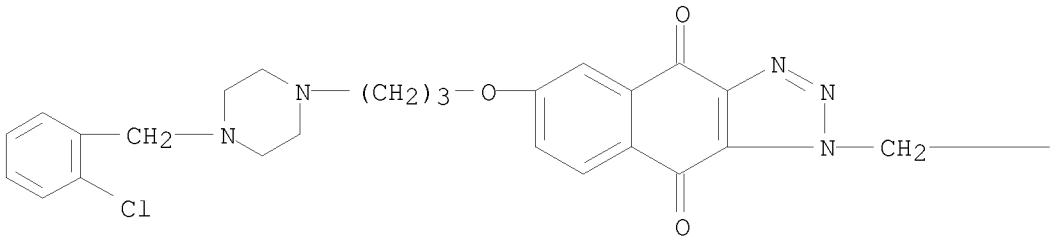


PAGE 1-B

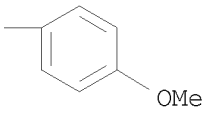


RN 80841-88-9 HCAPLUS
CN 1H-Naphtho[2,3-d]-1,2,3-triazole-4,9-dione,
6-[3-[4-[(2-chlorophenyl)methyl]-1-piperazinyl]propoxy]-1-[(4-
methoxyphenyl)methyl]- (CA INDEX NAME)

PAGE 1-A

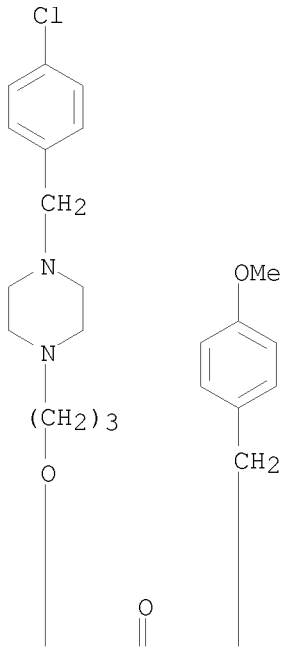


PAGE 1-B

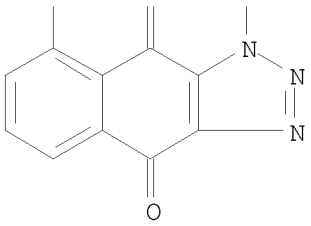


RN 80841-93-6 HCAPLUS
CN 1H-Naphtho[2,3-d]-1,2,3-triazole-4,9-dione, 8-[3-[4-[(4-chlorophenyl)methyl]-1-piperazinyl]propoxy]-1-[(4-methoxyphenyl)methyl]-, hydrochloride (1:2) (CA INDEX NAME)

PAGE 1-A

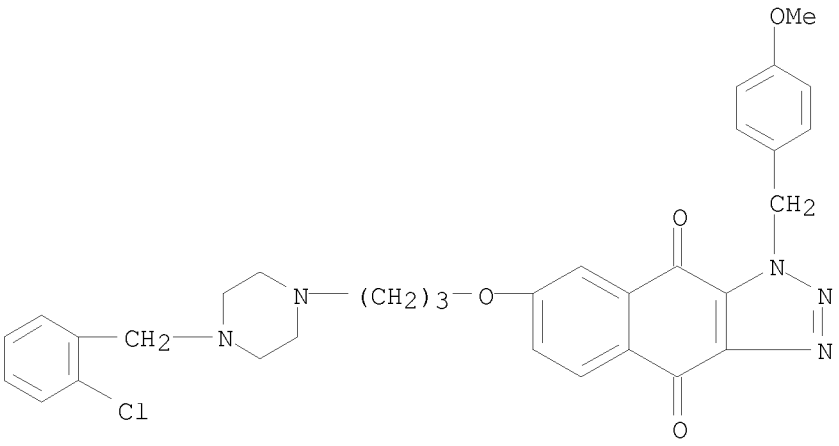


PAGE 2-A

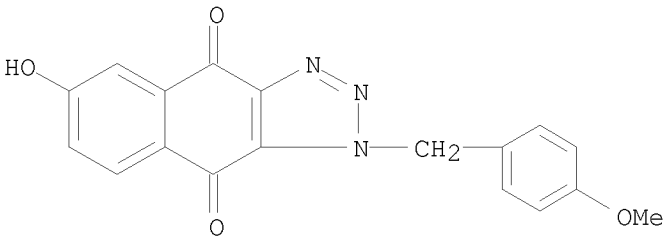


● 2 HCl

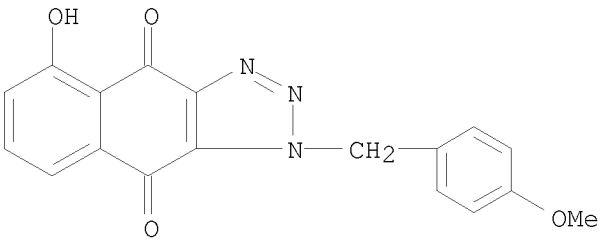
RN 80842-00-8 HCAPLUS
CN 1H-Naphtho[2,3-d]-1,2,3-triazole-4,9-dione, 7-[3-[4-[(2-chlorophenyl)methyl]-1-piperazinyl]propoxy]-1-[(4-methoxyphenyl)methyl]- (CA INDEX NAME)



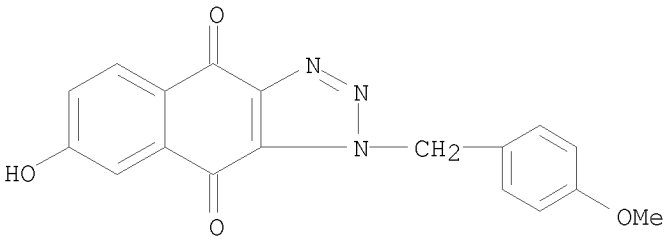
IT 80841-86-7P 80841-92-5P 80841-98-1P
80842-02-0P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and reaction of, with chlorobenzylpiperazinylpropanol)
RN 80841-86-7 HCAPLUS
CN 1H-Naphtho[2,3-d]triazole-4,9-dione, 6-hydroxy-1-[(4-methoxyphenyl)methyl]- (CA INDEX NAME)



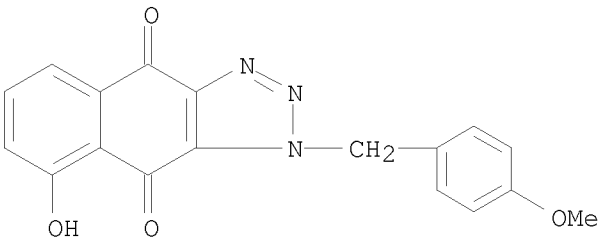
RN 80841-92-5 HCAPLUS
CN 1H-Naphtho[2,3-d]triazole-4,9-dione,
5-hydroxy-1-[(4-methoxyphenyl)methyl]- (CA INDEX NAME)



RN 80841-98-1 HCAPLUS
CN 1H-Naphtho[2,3-d]triazole-4,9-dione,
7-hydroxy-1-[(4-methoxyphenyl)methyl]- (CA INDEX NAME)



RN 80842-02-0 HCAPLUS
CN 1H-Naphtho[2,3-d]triazole-4,9-dione,
8-hydroxy-1-[(4-methoxyphenyl)methyl]- (CA INDEX NAME)



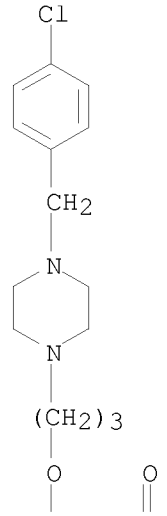
IT 80842-03-1P 80842-06-4P

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

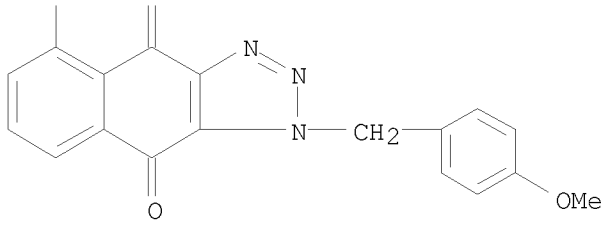
RN 80842-03-1 HCAPLUS

CN 1H-Naphtho[2,3-d]-1,2,3-triazole-4,9-dione, 5-[3-[4-[(4-chlorophenyl)methyl]-1-piperazinyl]propoxy]-1-[(4-methoxyphenyl)methyl]-, hydrochloride (1:2) (CA INDEX NAME)

PAGE 1-A



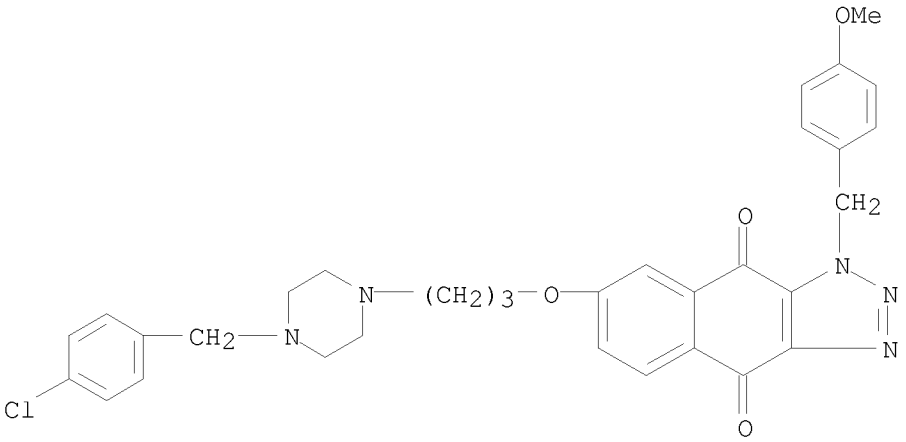
PAGE 2-A



● 2 HCl

RN 80842-06-4 HCAPLUS

CN 1H-Naphtho[2,3-d]-1,2,3-triazole-4,9-dione, 7-[3-[4-[(4-chlorophenyl)methyl]-1-piperazinyl]propoxy]-1-[(4-methoxyphenyl)methyl]- (CA INDEX NAME)

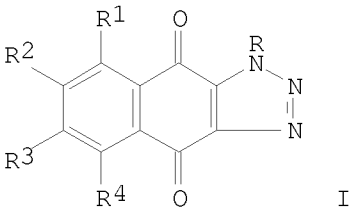


OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

L7 ANSWER 11 OF 12 HCAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1981:603967 HCAPLUS
DOCUMENT NUMBER: 95:203967
ORIGINAL REFERENCE NO.: 95:34085a,34088a
TITLE: Anti-allergy compounds
INVENTOR(S): Buckle, Derek Richard; Tedder, John Martin
PATENT ASSIGNEE(S): Beecham Group Ltd. , UK
SOURCE: Eur. Pat. Appl., 9 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 33215	A2	19810805	EP 1981-300251	19810121
EP 33215	A3	19810902		
R: BE, CH, DE, FR, GB, NL				
JP 56104873	A	19810820	JP 1981-8037	19810123
PRIORITY APPLN. INFO.:			GB 1980-2327 A	19800123

OTHER SOURCE(S): MARPAT 95:203967
GI

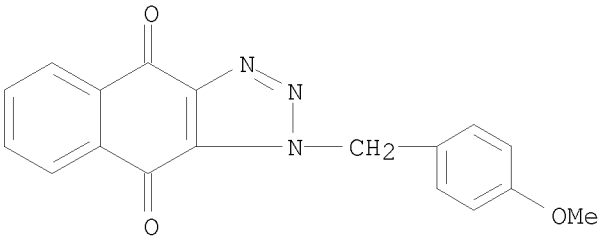


I

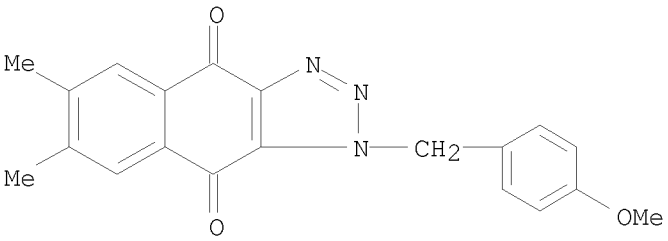
AB Naphthotriazoles I (R = H, R1, R2, R3, R4 may be H, halo, NO2, alkyl, alkoxy), useful as antiallergic compds. (no data), were prepared Thus, refluxing 1,4-naphthoquinone with 4-MeOC6H4CH2N3 in EtOAc 5 h gave 55% I (R = 4-MeOC6H4CH2, R1-R4 = H) which was heated in F3CCO2H to 50° and cooled over 5 h to give 89.7% I (R-R4 = H).

IT 79707-02-1P 79707-03-2P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and deprotection of)

RN 79707-02-1 HCAPLUS
CN 1H-Naphtho[2,3-d]triazole-4,9-dione, 1-[(4-methoxyphenyl)methyl]- (CA INDEX NAME)



RN 79707-03-2 HCAPLUS
CN 1H-Naphtho[2,3-d]triazole-4,9-dione, 1-[(4-methoxyphenyl)methyl]-6,7-dimethyl- (CA INDEX NAME)



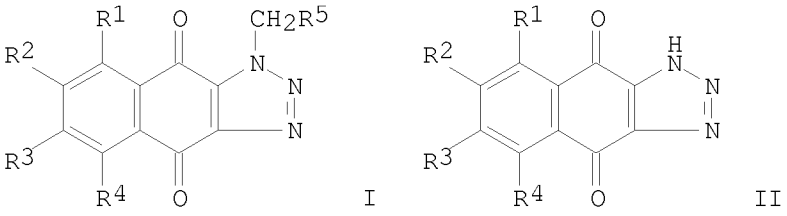
OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

L7 ANSWER 12 OF 12 HCAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1981:603966 HCAPLUS
DOCUMENT NUMBER: 95:203966
ORIGINAL REFERENCE NO.: 95:34085a,34088a
TITLE: Active triazoles
INVENTOR(S): Tedder, John Martin
PATENT ASSIGNEE(S): Beecham Group Ltd. , UK
SOURCE: Eur. Pat. Appl., 13 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE

EP 33214	A2	19810805	EP 1981-300250	19810121
EP 33214	A3	19810902		
R: BE, CH, DE, FR, GB, NL				
US 4424361	A	19840103	US 1981-224954	19810114
JP 56104872	A	19810820	JP 1981-8036	19810123

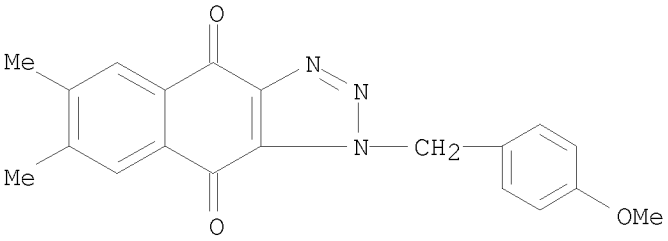
PRIORITY APPLN. INFO.: GB 1980-2328 A 19800123
OTHER SOURCE(S): MARPAT 95:203966
GI



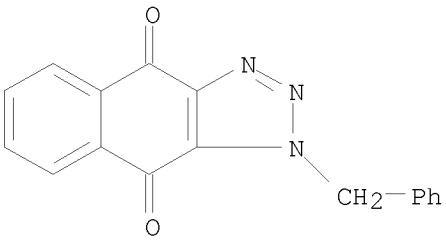
I II

AB Naphthotriazoles II (R1, R2, R3, R4 may be H, halo, NO2, alkyl, alkoxy), useful as antiallergic compds. (no data), were prepared Thus, heating naphtho-1,4-quinone with PhCH2N3 in DMF at 80° 18 h gave I (R1-R4 = H, R5 = Ph), which in DMF was heated at 50° with NaOMe-MeOH to give 31% II.

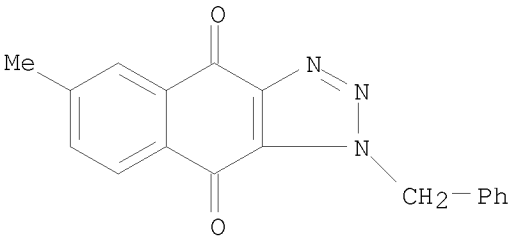
IT 79707-03-2
RL: RCT (Reactant); RACT (Reactant or reagent)
(deblocking of)
RN 79707-03-2 HCAPLUS
CN 1H-Naphtho[2,3-d]triazole-4,9-dione, 1-[(4-methoxyphenyl)methyl]-6,7-dimethyl- (CA INDEX NAME)



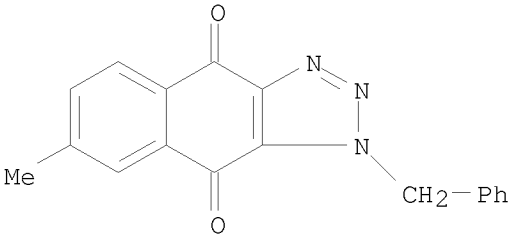
IT 79707-04-3P 79707-05-4P 79707-06-5P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and deblocking of)
RN 79707-04-3 HCAPLUS
CN 1H-Naphtho[2,3-d]triazole-4,9-dione, 1-(phenylmethyl)- (CA INDEX NAME)



RN 79707-05-4 HCAPLUS
CN 1H-Naphtho[2,3-d]triazole-4,9-dione, 6-methyl-1-(phenylmethyl)- (CA INDEX NAME)



RN 79707-06-5 HCAPLUS
CN 1H-Naphtho[2,3-d]triazole-4,9-dione, 7-methyl-1-(phenylmethyl)- (CA INDEX NAME)



OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)

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FILE 'REGISTRY' ENTERED AT 10:14:13 ON 14 AUG 2009
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L3 0 S L1 SSS FULL
L4 STRUCTURE UPLOADED
L5 3 S L4
L6 57 S L4 SSS FULL

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     FILE 'HCAPLUS' ENTERED AT 10:16:01 ON 14 AUG 2009
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L8            6 S L7 AND PY<=2004

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             12 L6
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         380262 OXIDES
        2116792 OXIDE
                  (OXIDE OR OXIDES)
L9            3 L6 AND OXIDE

=> s l6 and salt
             12 L6
         896904 SALT
         680661 SALTS
        1323262 SALT
                  (SALT OR SALTS)
L10           2 L6 AND SALT

=> d l9 ibib abs hitstr tot

L9   ANSWER 1 OF 3  HCAPLUS  COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER:        2009:539214  HCAPLUS
DOCUMENT NUMBER:         151:8409
TITLE:                   One-Pot Synthesis of 1- and 2-Substituted
                         Naphtho[2,3-d][1,2,3]triazole-4,9-diones
AUTHOR(S):               Zhang, Jianjun; Chang, Cheng-Wei Tom
CORPORATE SOURCE:        Department of Chemistry and Biochemistry, Utah State
                         University, Logan, UT, 84322-0300, USA
SOURCE:                  Journal of Organic Chemistry (2009), 74(11), 4414-4417
                         CODEN: JOCEAH; ISSN: 0022-3263
PUBLISHER:               American Chemical Society
DOCUMENT TYPE:           Journal
LANGUAGE:                English
GI
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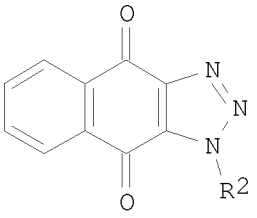

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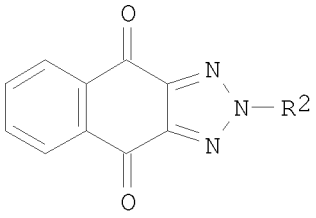
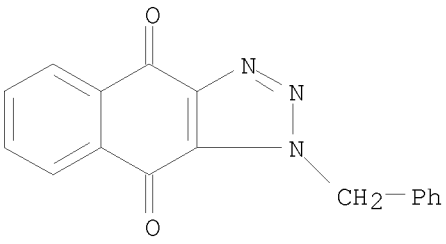


II

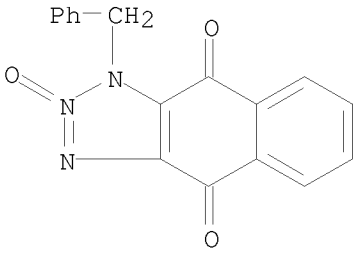
AB A one-pot three-component [2+3] cycloaddn. of naphthoquinone with sodium azide and various electrophiles, e.g., alkyl bromides R1Br (R1 = PhCH2, n-Bu, etc) or epoxides, afforded 1-alkyl-1H-naphtho[2,3-d][1,2,3]triazole-4,9-diones I (e.g., R2 = R1, etc) and 2-alkyl-2H-naphtho[2,3-d][1,2,3]triazole-4,9-diones II. The product ratio could be altered by choice of reaction solvent, and by taking advantage of their difference in basicity, the products could be separated and obtained in good purity.

IT 79707-04-3P
RL: SPN (Synthetic preparation); PREP (Preparation)
(one-pot preparation of naphthotriazolediones from three-component [2+3] cycloaddn. of naphthoquinone, sodium azide and various electrophiles)
RN 79707-04-3 HCAPLUS
CN 1H-Naphtho[2,3-d]triazole-4,9-dione, 1-(phenylmethyl)- (CA INDEX NAME)



REFERENCE COUNT: 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 2 OF 3 HCAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2005:779154 HCAPLUS
DOCUMENT NUMBER: 144:350603
TITLE: Cyclization of 2-Azido-3-(alkyl-N-nitrosoamino)-1,4-naphthoquinones to 1-Alkyl-1H-naphtho[2,3-d][1,2,3]triazole-4,9-dione 2-Oxides
AUTHOR(S): Radaeva, N. Yu.; Dolgushina, L. V.; Sakilidi, V. T.; Gornostaev, L. M.
CORPORATE SOURCE: Astaf'ev Krasnoyarsk State Pedagogical University, Krasnoyarsk, 660049, Russia
SOURCE: Russian Journal of Organic Chemistry (2005), 41(6), 907-909
CODEN: RJOCEQ; ISSN: 1070-4280
PUBLISHER: Pleiades Publishing, Inc.
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 144:350603
AB Thermolysis of 2-azido-3-(alkyl-N-nitrosamino)-1,4-naphthoquinones gives rise to compds. belonging to a new quinoid fused heterocyclic system, 1-alkyl-1H-naphtho[2,3-d][1,2,3]triazole-4,9-dione 2-oxides.
IT 450354-11-7P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of naphthotriazoledione oxides by cyclization of azido(nitrosamino)naphthoquinones)
RN 450354-11-7 HCAPLUS
CN 1H-Naphtho[2,3-d]triazole-4,9-dione, 1-(phenylmethyl)-, 2-oxide (CA INDEX NAME)



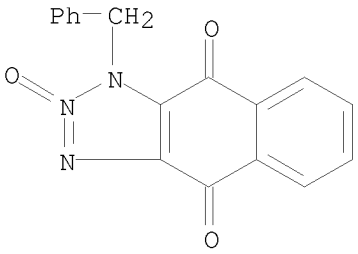
OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)
REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 3 OF 3 HCAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2005:324114 HCAPLUS
DOCUMENT NUMBER: 142:386022
TITLE: Wnt pathway antagonists
INVENTOR(S): Beachy, Philip A.; Chen, James K.; Mann, Randall K.
PATENT ASSIGNEE(S): The Johns Hopkins University, USA
SOURCE: PCT Int. Appl., 71 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005033048	A2	20050414	WO 2004-US32148	20040929
WO 2005033048	A3	20050804		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 20070219257	A1	20070920	US 2006-574248	20061030
PRIORITY APPLN. INFO.:			US 2003-507163P P	20030929
			WO 2004-US32148 W	20040929

AB The present invention makes available methods and reagents, involving contacting a cell with an agent, such as an aromatic compound, in a sufficient amount to antagonize a Wnt activity, e.g., to reverse or control an aberrant growth state.
IT 450354-11-7
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(Wnt pathway antagonists such as aromatic compds. to treat aberrant growth state and combination with other agents)

RN 450354-11-7 HCAPLUS
CN 1H-Naphtho[2,3-d]triazole-4,9-dione, 1-(phenylmethyl)-, 2-oxide (CA INDEX NAME)



OS.CITING REF COUNT: 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD (4 CITINGS)
REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d l10 ibib abs hitstr tot

L10 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1985:541967 HCAPLUS
DOCUMENT NUMBER: 103:141967
ORIGINAL REFERENCE NO.: 103:22739a,22742a
TITLE: 4,9-Dihydro-4,9-dioxo-1H-naphtho[2,3-d]-v-triazoles
INVENTOR(S): Smith, Harry; Buckle, Derek R.
PATENT ASSIGNEE(S): Beecham Group PLC, UK
SOURCE: Can., 60 pp.
CODEN: CAXXA4
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CA 1180718	A1	19850108	CA 1983-418857	19830104
PRIORITY APPLN. INFO.:			CA 1983-418857	19830104

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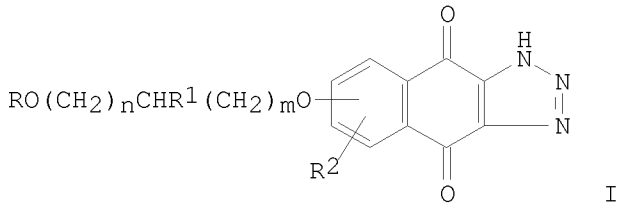
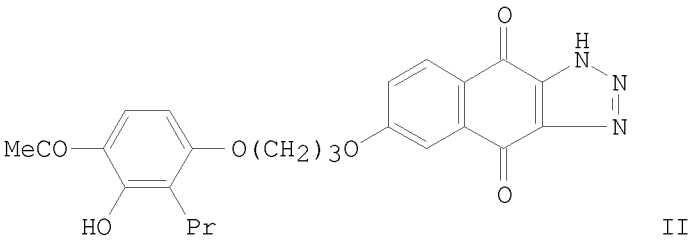


I



II

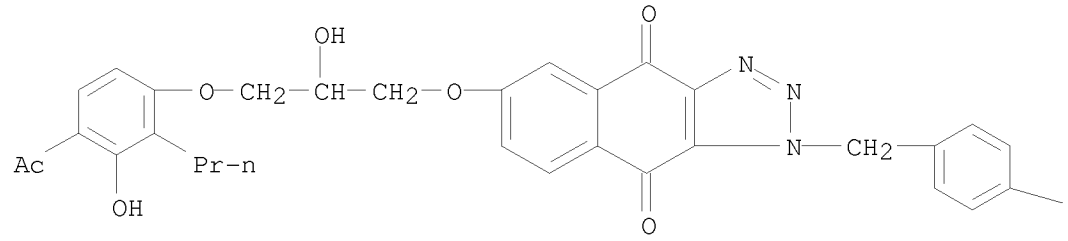
AB The title compds. [I; R = (un)substituted Ph; R1 = H, OH; R2 = H, alkyl; n,m = 1-3] were prepared Thus, 1H-naphtho[2,3-d]triazole-4,9-dione was photochem. hydroxylated in 98% H2SO4 and the 6-hydroxy derivative was treated with 4-MeOC6H4CH2Cl giving a mixture of N-p-methoxybenzyl derivs. These were O-alkylated with MeCOC6H2Pr(OH)O(CH2)3OH-3,2,4 and debenzylated to give (phenoxypropoxy)naphthotriazoledione II. II is an antagonist of slow reacting substance of anaphylaxis in isolated guinea pig ileum with an EC50 of 4 + 10-7M.

IT 98232-28-1P 98232-30-5P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and debenzylation of)

RN 98232-28-1 HCAPLUS

CN 1H-Naphtho[2,3-d]triazole-4,9-dione, 6-[3-(4-acetyl-3-hydroxy-2-propylphenoxy)-2-hydroxypropoxy]-1-[(4-methoxyphenyl)methyl]- (CA INDEX NAME)

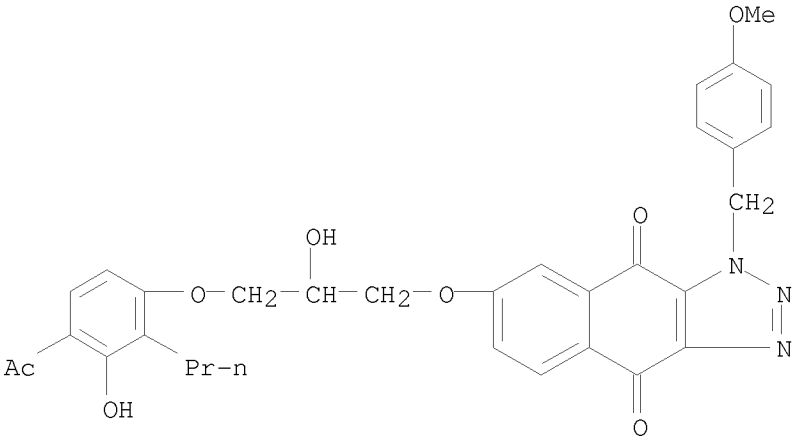
PAGE 1-A



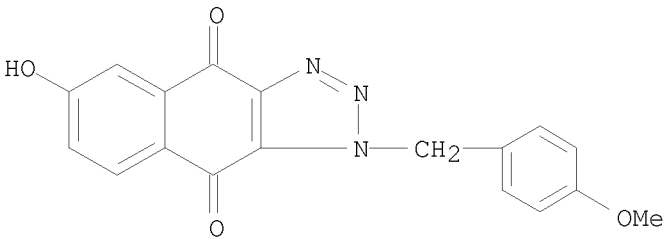
PAGE 1-B

OMe

RN 98232-30-5 HCAPLUS
CN 1H-Naphtho[2,3-d]triazole-4,9-dione, 7-[3-(4-acetyl-3-hydroxy-2-propylphenoxy)-2-hydroxypropoxy]-1-[(4-methoxyphenyl)methyl]- (CA INDEX NAME)

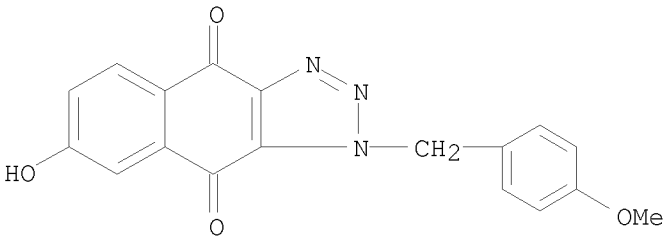


IT 80841-86-7P 80841-98-1P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and O-alkylation of, by propanol derivative)
RN 80841-86-7 HCAPLUS
CN 1H-Naphtho[2,3-d]triazole-4,9-dione, 6-hydroxy-1-[(4-methoxyphenyl)methyl]- (CA INDEX NAME)

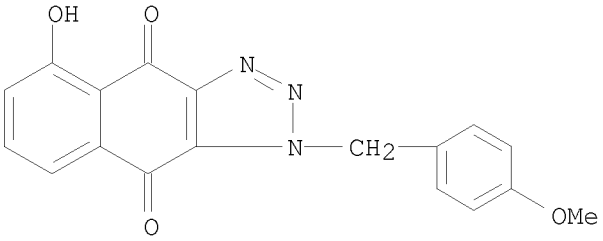


RN 80841-98-1 HCAPLUS

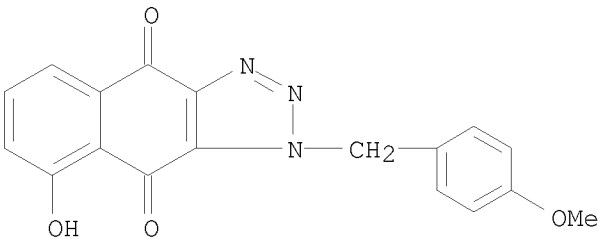
CN 1H-Naphtho[2,3-d]triazole-4,9-dione,
7-hydroxy-1-[(4-methoxyphenyl)methyl]- (CA INDEX NAME)



IT 80841-92-5P 80842-02-0P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 80841-92-5 HCAPLUS
CN 1H-Naphtho[2,3-d]triazole-4,9-dione,
5-hydroxy-1-[(4-methoxyphenyl)methyl]- (CA INDEX NAME)



RN 80842-02-0 HCAPLUS
CN 1H-Naphtho[2,3-d]triazole-4,9-dione,
8-hydroxy-1-[(4-methoxyphenyl)methyl]- (CA INDEX NAME)

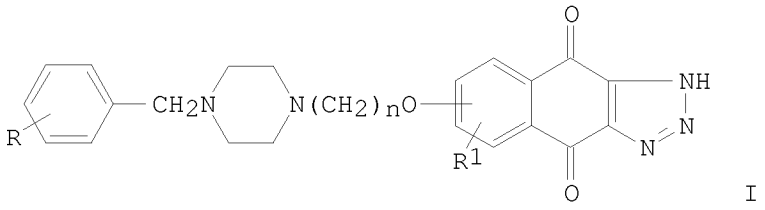


L10 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1982:104279 HCAPLUS
DOCUMENT NUMBER: 96:104279
ORIGINAL REFERENCE NO.: 96:17133a,17136a
TITLE: Naphthotriazole derivatives, their intermediates and pharmaceutical compositions containing them
INVENTOR(S): Buckle, Derek Richard; Smith, Harry; Tedder, John Martin
PATENT ASSIGNEE(S): Beecham Group Ltd. , UK

SOURCE: Eur. Pat. Appl., 57 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 39552	A2	19811111	EP 1981-301738	19810421
EP 39552	A3	19820113		
EP 39552	B1	19830921		
R: BE, CH, DE, FR, GB, IT, NL, SE				
US 4378360	A	19830329	US 1981-254372	19810415
CA 1190229	A1	19850709	CA 1981-375520	19810415
AU 8169673	A	19811029	AU 1981-69673	19810421
AU 536894	B2	19840531		
JP 56166178	A	19811221	JP 1981-60509	19810421
ZA 8102631	A	19820428	ZA 1981-2631	19810422

PRIORITY APPLN. INFO.: GB 1980-13267 A 19800422
OTHER SOURCE(S): MARPAT 96:104279
GI



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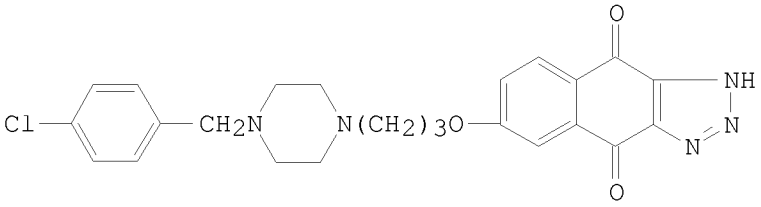

II

AB Naphthotriazolediones I (R = H, halogen, alkyl, alkoxy; R1 = H, alkyl; n = 1-6) were prepared Thus 2-acetamido-3-amino-6-fluoro-1,4-naphthoquinone was cyclized with NaNO2 to give 4,9-dihydro-4,9-dioxo-6-fluoro-1H-naphtho[2,3-d]-v-triazole which was converted to its Na salt and treated with 3-[4-(4-chlorobenzyl)-1-piperazinyl]propanol to give II. II inhibited the release of both histamine and slow-reacting substance A of anaphylaxis at 1 + 10-6M in vitro.

IT 80841-87-8P 80841-88-9P 80841-93-6P
80842-00-8P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and debenzylation of)

RN 80841-87-8 HCAPLUS
CN 1H-Naphtho[2,3-d]-1,2,3-triazole-4,9-dione, 6-[3-[4-[(4-chlorophenyl)methyl]-1-piperazinyl]propoxy]-1-[(4-methoxyphenyl)methyl]- (CA INDEX NAME)

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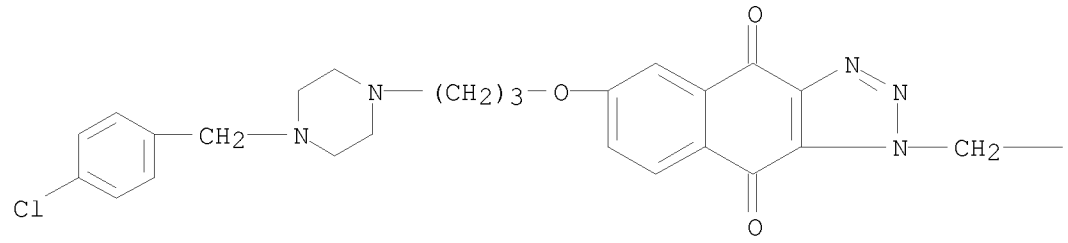

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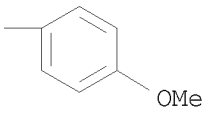

RN 80841-88-9 HCAPLUS
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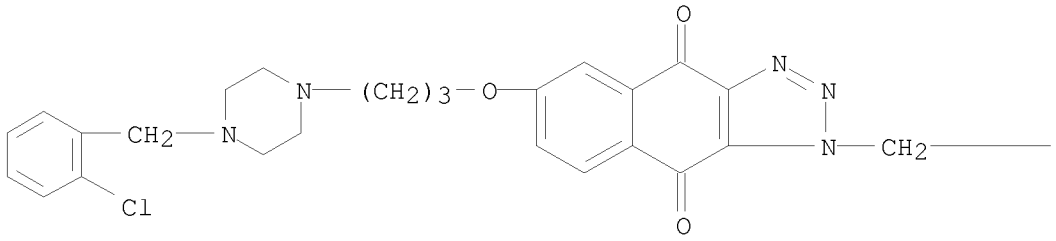

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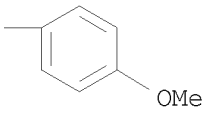

RN 80841-93-6 HCAPLUS
CN 1H-Naphtho[2,3-d]-1,2,3-triazole-4,9-dione, 8-[3-[4-[(4-chlorophenyl)methyl]-1-piperazinyl]propoxy]-1-[(4-methoxyphenyl)methyl]-, hydrochloride (1:2) (CA INDEX NAME)

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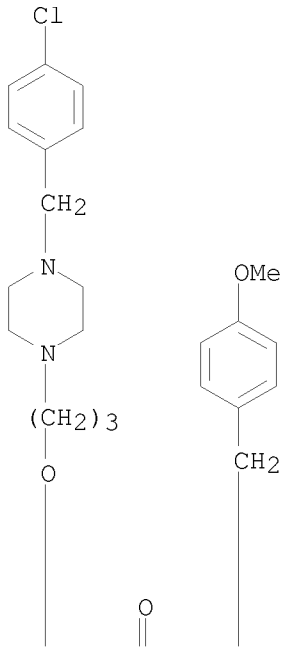

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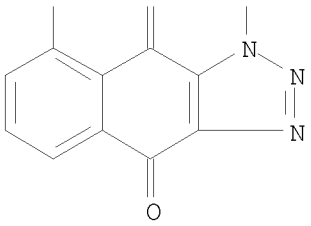
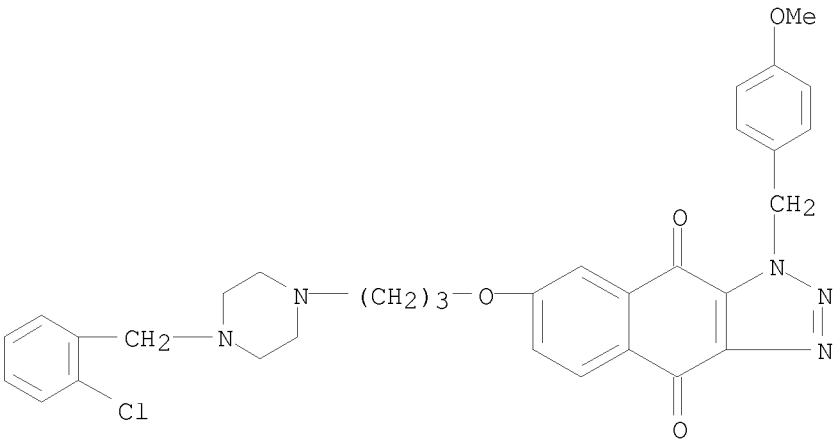
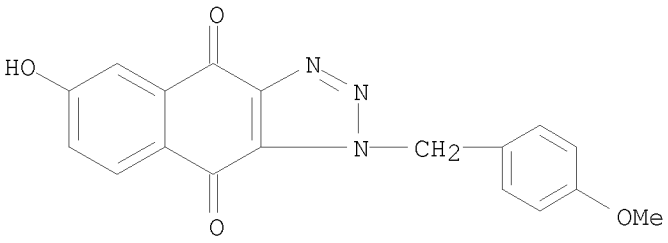


● 2 HCl

RN 80842-00-8 HCAPLUS
CN 1H-Naphtho[2,3-d]-1,2,3-triazole-4,9-dione, 7-[3-[4-[(2-chlorophenyl)methyl]-1-piperazinyl]propoxy]-1-[(4-methoxyphenyl)methyl]- (CA INDEX NAME)



IT 80841-86-7P 80841-92-5P 80841-98-1P
80842-02-0P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and reaction of, with chlorobenzylpiperazinylpropanol)
RN 80841-86-7 HCAPLUS
CN 1H-Naphtho[2,3-d]triazole-4,9-dione, 6-hydroxy-1-[(4-methoxyphenyl)methyl]- (CA INDEX NAME)



RN 80841-92-5 HCAPLUS
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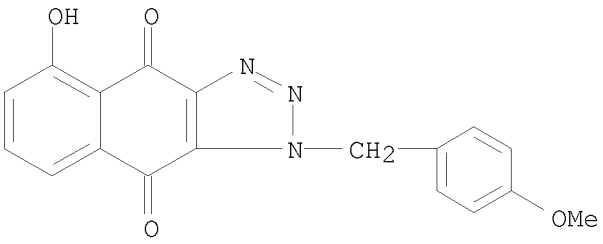
5-hydroxy-1-[(4-methoxyphenyl)methyl]- (CA INDEX NAME)



RN 80841-98-1 HCAPLUS
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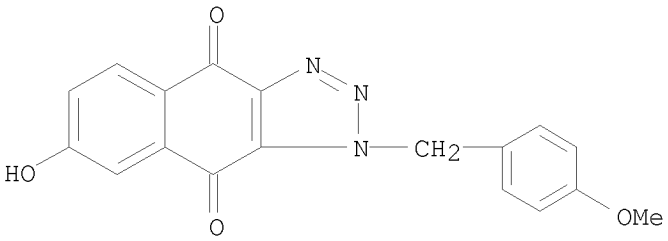
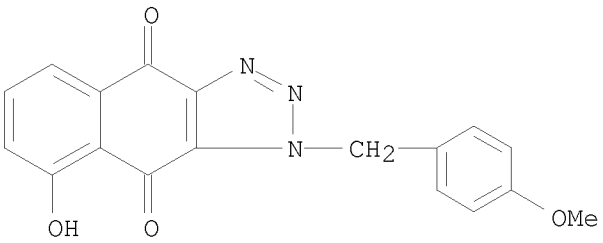
7-hydroxy-1-[(4-methoxyphenyl)methyl]- (CA INDEX NAME)



RN 80842-02-0 HCAPLUS
CN 1H-Naphtho[2,3-d]triazole-4,9-dione,
8-hydroxy-1-[(4-methoxyphenyl)methyl]- (CA INDEX NAME)



IT 80842-03-1P 80842-06-4P

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

RN 80842-03-1 HCAPLUS

CN 1H-Naphtho[2,3-d]-1,2,3-triazole-4,9-dione, 5-[3-[4-[(4-chlorophenyl)methyl]-1-piperazinyl]propoxy]-1-[(4-methoxyphenyl)methyl]-, hydrochloride (1:2) (CA INDEX NAME)

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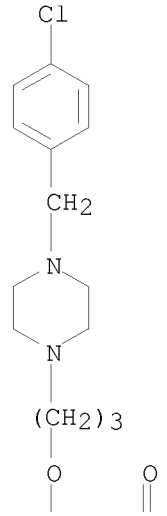

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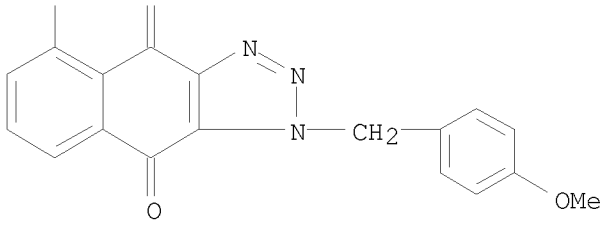
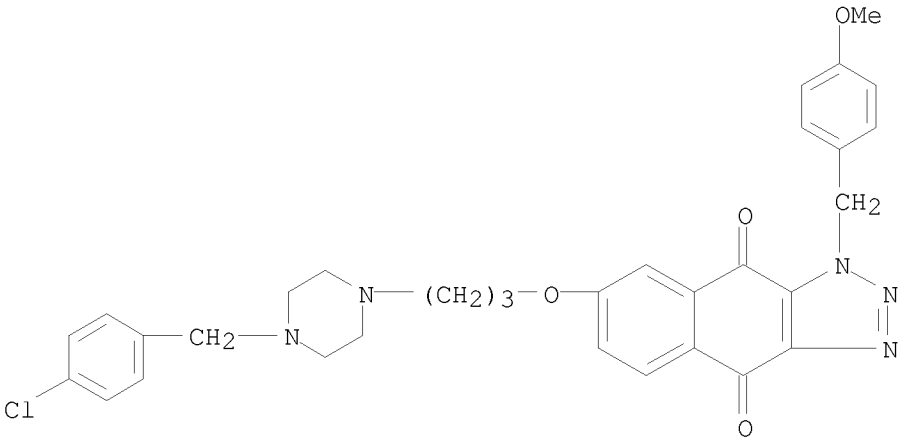


● 2 HCl

RN 80842-06-4 HCAPLUS

CN 1H-Naphtho[2,3-d]-1,2,3-triazole-4,9-dione, 7-[3-[4-[(4-chlorophenyl)methyl]-1-piperazinyl]propoxy]-1-[(4-methoxyphenyl)methyl]- (CA INDEX NAME)



OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	135.78	508.24

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-13.94	-13.94

STN INTERNATIONAL LOGOFF AT 10:24:24 ON 14 AUG 2009